

int^{supplement} | Intermediate Program at Wellesley College | '10

for students entering grades 8 + 9

inside: course listing [2-3], course descriptions [4-15], workshop descriptions [16-18], special weekend options [19], meet our staff [20-21], curriculum advisory committee [22-23], general information + community standards [24-27]

EXPLO



apply online!
www.explo.org/apply

residential calendar

First Session:

June 27—July 17, 2010

Second Session:

July 18—August 7, 2010

day calendar

First Session:

June 28—July 16, 2010

Second Session:

July 19—August 6, 2010

how to use this book

1. Picking your courses:

Courses at the Intermediate Program are numbered in the 300s and 400s. 300 numbered courses meet in the first period of the day [9:30am-10:45am]; 400 numbered courses meet in the second period of the day [11:05am-12:20am]. Courses meet Monday-Thursday.

Course descriptions are on pages 4-15.

Courses are assigned on a first-come, first-served basis. Class size, in most cases, is limited to 16 students. The registrar makes every effort to assign you to your first choice. If a class is full, you will be assigned to another one of your choices.

On your application you must CHOOSE SIX preferences for 300 numbered courses and SIX preferences for 400 numbered courses.

2. Picking your workshops:

In addition to your courses you will also take three workshops. Workshops meet immediately after lunch every weekday. You will participate in a different workshop every week.

Workshop descriptions are on pages 16-18.

On your application you must CHOOSE SIX workshop preferences. Workshops are numbered W501-W554.

Many workshops are offered multiple times throughout the summer and the registrar will attempt to enroll you in your top choices based on availability.

Tutoring and Private Lessons

PRIVATE TUTORING

Teachers from the Boston area are available for one-on-one math and writing tutoring. Please call our Admissions Office at 781.762.7400 for more information.

PRIVATE TENNIS AND SQUASH LESSONS

Interested in spending more time working on your tennis or squash game? Private lessons with Wellesley College's NCAA coaches are available this summer. Lessons occur during either a recreational activity period or the independent time before dinner.

Private lessons are 60 minutes and have an additional fee of \$85. Please call our Admissions Office at 781.762.7400 to schedule a private lesson.

Questions?

If you have any questions about the application process, please call our office at **781.762.7400** [Mon-Fri 8:30am-5:00pm EST].

course listing [300s]

The following courses are for the first period of the day [9:30am-10:45am].

On your application, select six course preferences from the 300 numbered courses.

Business, Law, + Politics

- 301 Explo Entrepreneur**
Creating a Business
- 302 I Object!**
Mock Trial
- 303 Makin' Dough**
Restaurant Management
- 304 Welcome to the World Stage**
Model United Nations
- 305 Crime Squad**
Criminal Investigations
- 306 Who is Dow Jones?**
Economics + Ethics of the Stock Market
- 307 The 30 Second Spot**
Commercial Marketing + Advertising

Humanities, Language, + Social Sciences

- 310 You Talkin' to Me?**
Debate
- 311 English Café**
English for Speakers of Other Languages (ESOL)
For Intermediate Students
- 312 Write to the Point**
Short Story Writing
- 313 Write Off the Wire**
Print Journalism
- 314 See What I'm Saying?**
American Sign Language
- 315 House of Karaoke**
Japanese Language + Culture
- 316 Lasers, Dragons,
Warriors, + Wizards**
Role-Playing Game Design

Design, Engineering, + Math

- 320 Designing Your Dream House**
Architecture
- 321 Mansion Makeover**
Interior Design
- 322 Go-Cart Madness**
Go-Cart Design + Construction
- 323 ExploBotics**
Robotics
- 324 Bridges, Rockets, +
Forces of Nature**
Hands-On Physics
- 325 Death Valley Road Rally**
Off-Road Vehicle Design
- 326 Manufacturing Mario**
Conceptual Video Game Design
- 327 Step Right Up**
Carnival Statistics

Sciences

- 330 Cracking the Case**
Forensic Science
- 331 ExPIO₂**
Chemistry
- 332 So, You Want to Be a Doctor?**
Medical Careers
- 333 MythBusters**
Scientific Inquiry + Investigation
- 334 Cooking with Chemistry**
Molecular Gastronomy
- 335 Loaf**
The Science + Art of Breadmaking
- 336 Staying Alive**
Wilderness Survival
- 337 Breeding Beauty**
Genetics + Selective Breeding

Visual Arts

- 340 Splat!**
Abstract Painting Studio
- 341 Shutterbug**
Black + White Photography
- 342 Pixel Productions**
Digital Photography
- 343 Cartoons in a Flash**
Flash Animation
- 344 Move On, Vuitton!**
Intro to Handbag Design
- 345 Win the Moonman**
Music Video Production
- 346 Manga, Marvel, + More**
Comic Book Art
- 347 spark**
Creativity Challenges

Performing Arts

- 350 Say Yes to Improv**
Improvisational Acting
- 351 Orange Man Group**
Performance Art
- 352 The Lyin', the Wig, + the Wardrobe**
Costume Design + Theater Make-Up
- 353 School of Rock**
Learning, Writing, + Playing Rock Music
- 354 Explo Unplugged**
Beginning Guitar + Songwriting
- 355 Hip-Hop, Ya Don't Stop**
Hip-Hop Dance
- 356 Give My Regards to Broadway**
Musical Theater

[400s] course listing

The following courses are for the second period of the day [11:05am-12:20am].

On your application, select six course preferences from the 400 numbered courses.

Business, Law, + Politics

- 401 Explo Entrepreneur**
Creating a Business
- 402 I Object!**
Mock Trial
- 403 Makin' Dough**
Restaurant Management
- 404 Welcome to the World Stage**
Model UN
- 405 Crime Squad**
Criminal Investigations
- 406 E-20 Summit**
World Economics
- 407 It Pays to Play**
Toy Design
- 408 Suite Success**
Hotel Management

Humanities, Language, + Social Sciences

- 410 You Talkin' to Me?**
Debate
- 411 English Café**
English for Speakers of Other Languages (ESOL)
For Advanced Students
- 412 Write to the Point**
Short Story Writing
- 413 Sports Reports**
Sports + Society
- 414 This Course Bites**
Vampires in Fiction
- 415 L'Avventura Italiano**
Italian Language + Culture

Design, Engineering, + Math

- 420 Designing Your Dream House**
Architecture
- 421 Mansion Makeover**
Interior Design
- 422 Go-Cart Madness**
Go-Cart Design + Construction
- 423 ExploBotics**
Robotics
- 424 Bridges, Rockets, +
Forces of Nature**
Hands-On Physics
- 425 The X-Prize**
Aeronautical Engineering
- 426 Processing Makes Perfect**
Computer Programming

Sciences

- 430 Cracking the Case**
Forensic Science
- 431 ExPIO₂**
Chemistry
- 432 So, You Want to Be a Doctor?**
Medical Careers
- 433 MythBusters**
Scientific Inquiry + Investigation
- 434 Cooking with Chemistry**
Molecular Gastronomy
- 435 Loaf**
The Science + Art of Breadmaking
- 436 Staying Alive**
Wilderness Survival

Visual Arts

- 440 Splat!**
Abstract Painting Studio
- 441 Shutterbug**
Black + White Photography
- 442 Pixel Productions**
Digital Photography
- 443 Cartoons in a Flash**
Flash Animation
- 444 Skirting Fashion**
Intermediate Fashion Design
- 445 See It, Make It, Watch It**
Video Production
- 446 Figure This**
Figure Drawing + Portraiture
- 447 Rebels Without a Canvas**
Guerilla Art
- 448 All Work + No Clay!**
Non-Traditional Sculpture

Performing Arts

- 450 Say Yes to Improv**
Improvisational Acting
- 451 Orange Man Group**
Performance Art
- 452 The Lyin', the Wig, + the Wardrobe**
Costume Design + Theater Make-Up
- 453 School of Rock**
Learning, Writing, + Playing Rock Music
- 454 Explo Unplugged**
Beginning Guitar + Songwriting
- 455 Hip-Hop, Ya Don't Stop**
Hip-Hop Dance
- 456 Movin' with Style**
Modern Dance + Choreography
- 457 Actors' Studio**
Acting

course descriptions [301-307], [401-408]

business, law, + politics

First Period 301 – Second Period 401

Explo Entrepreneur

Creating a Business

How would you like the freedom of running your own business? First, we'll mine your imagination for a product to sell, basing our decision on market analysis results. We'll look at supply and demand, current market share, and the process of market testing. Then, we'll give you Explo venture capital to get your business off the ground. Working with classmates, you'll invest in the durable goods needed to set up the business and the raw materials needed for manufacturing. Then, all we have to do is sell our product to the Explo community! Through group management and teamwork, we'll learn the reality of bringing a product to market.

First Period 302 – Second Period 402

I Object!

Mock Trial

It's suspenseful. It's intriguing. It's controversial. It's mock trial! Here is your chance to fulfill all your legal dreams as we explore the American judicial system. In this course, you are the lawyers, the judges, the witnesses, and the jury. We will challenge each other in direct cross-examinations and learn how to ask powerful and effective questions. In addition to showing you how to build a solid case, this course will help you to develop your public speaking and speechwriting skills. If you like to think quickly and want to know more about the inner workings of the American legal system, then mock trial is the place for you.

First Period 303 – Second Period 403

Makin' Dough

Restaurant Management

Have a taste for the restaurant business? Together, we'll plan, create, and operate a French bistro this summer. And you'll be involved in every part of it – from conceiving the restaurant's theme and designing a logo to managing the budget and setting prices. Oh, and there will be cooking too! We'll create entrees (think: chicken cordon bleu), appetizers (pâté en croûte, anyone?), and delectable desserts (apple tarts... mmm), and learn how to present our dishes with garnishes like chocolate swirls and citrus knots. At our bistro's opening, you'll not only prepare the food, you'll greet, seat, and serve the customers – for a full restauranting experience that will keep you (and your patrons) coming back for more.

First Period 304 – Second Period 404

Welcome to the World Stage

Model United Nations

On the floor of the United Nations, global leaders debate and decide tough issues every day. Their goal is to maintain international security and peace, develop friendly relations among nations on equal terms, and encourage cooperation to solve problems facing humanity. At the Explo UN, you'll represent a member nation and tackle these very issues. As we explore different nations' foreign policies and cultures, we'll debate current topics in our Security Council and draft international resolutions to solve world problems. If you are ready to make a difference, it's time to start at the top. Welcome to the world stage.

First Period 305 – Second Period 405

Crime Squad

Criminal Investigations

Solving a crime? That's the easy part. Getting solid proof for a court conviction? That's where things get tricky. Join our crime squad and discover the real-life techniques of criminal investigation. While working to crack a simulated case, you'll set up surveillance teams, seek out informants, and learn how to read a person's body language to understand what they're really saying. In our quest for truth (and evidence!) we'll get warrants issued for search and seizure, build and deploy a lie detector, and practice strategies for criminal questioning. Once we've apprehended a final group of suspects, we'll use the Reid technique to snare a confession out of the guilty party. By the end of our investigation, we'll submit a rock solid collection of evidence that will lay the groundwork for an easy conviction in a court of law.

First Period 306

Who Is Dow Jones?

Economics + Ethics of the Stock Market

Show me the money! You're going to have to work to make a million dollars in the stock market, but you've got to start somewhere, right? Come join us as we learn to navigate the market by managing our own stock portfolio on the "Explo Exchange." We'll use newspapers and websites to track actual stock activity as you learn how interest rates, rates of return, stock dividends, and labor markets all affect stock prices and your portfolio's bottom line. We'll check out price fluctuations, debate ethical trading, and look at the history of the stock market to see how market surges and crashes have built up and taken down entire economies. Investing in this class may not make you a millionaire this summer, but it just might save you a bundle in the long run!

First Period 307

The 30 Second Spot

Commercial Marketing + Advertising

A lot goes into making a 30-second spot. A product, a marketing strategy, an advertising concept—and it all starts way before the first day of shooting. In this course, we'll review some of the most memorable ads of the last 25 years—spots by Apple, Nike, Burger King, and Energizer—asking, what made these ads unique? We'll then select a product of our own (soda, mp3 players, a car) and build an idea, script, and storyboard for a commercial that will sell it. Should our advertisement be funny or serious? to-the-point or mysterious? Should we focus on branding? or on the features of the product? Finally, you'll film a prototype of your ad, producing a commercial that will do more than sell itself.

Second Period 406

E-20 Summit

World Economics

You're the CEO of a Fortune 500 company seeking to maximize profit in the global market. Sweet! The hitch? China, your largest market for growth, is threatening to levy a tariff on your goods; shareholders are demanding that your company comply with fair trade practices; and a new competitor from Brazil has just entered into the market. Welcome to the global economy. Together with other CEOs and the heads of different G-20 nations, we'll run economic simulations and debate how global economic decisions impact countries, industries, and individuals. Does globalization serve some countries' interests, and not others? Are we already living in a globalized world—or is there still more work to be done? Join us and discover how supply and demand are driving the global economy.

Second Period 407

It Pays to Play

Toy Design

Hula hoops. Nerf guns. Tickle Me Elmos. Rule number one about the toy industry: toys aren't just 'made', toys are designed. In this class, we'll do market research on what today's kids want—and design toys that fit. We'll brainstorm product ideas, create prototypes, and pitch them to toy designers. Once we've settled on a design, we'll get into the nitty-gritty aspects of selling it. How will we manufacture the toy? And how will we get it to the Toys 'R' Us's and Targets across the world? We'll need to market it, too. Get tie-ins with movies and fast food chains, and sponsorship deals for our preferred Saturday morning cartoons. Whatever it takes. After all, in the toy industry, it's all fun and games... so long as your product sells.

Second Period 408

Suite Success

Hotel Management

What if we told you that there was big money in making beds? That smart businessmen like Conrad Hilton and Donald Trump became multimillionaires with their hotel chains? At Exploration this summer, get a head start as a hotelier and open up a real, working hotel for Explo students. You'll have a hand in every detail, from creating a foolproof business plan to designing the advertising and marketing to picking the type of mints you'll leave on the pillows. As concierge, you'll learn how to greet guests and respond to requests with top-flight service. And as management, you'll decide on furnishing schemes and special amenities that will make or break your hotel. Can you smell that? That, we do believe, is the suite smell of success.

course descriptions [310-316], [410-415]

humanities, language, + social sciences

First Period 310 – Second Period 410

You Talkin' to Me?

Debate

Strong debating skills elect presidents, close huge business deals, and help you get your curfew extended (or not). Whether you argue Supreme Court cases or just want to get your way more often, learning how to use words to your advantage will help you achieve your goals. You'll utilize body language, vocal projection, and other public speaking techniques to construct an argument that anyone (except maybe your parents) would be hard-pressed to dispute. No matter what you do later in life, having the ability to skillfully argue a position will help you reach your goals.

First Period (Intermediate Level) 311
Second Period (Advanced Level) 411

English Café

English for Speakers of Other Languages
Intermediate + Advanced Level Students

After listening and talking your way through this course, you'll have a better command of the English language. You'll have the confidence to try to figure out anything "English" thrown your way. Together, we'll read comic strips, the sports page, poetry, and short stories. We'll help with your conversational skills, vocabulary, and writing, and you'll happily join us in skits guaranteed to keep you learning and laughing. Working on activities with new friends and learning the answers to puzzling questions about English will help you feel comfortable and confident.

First Period 312 – Second Period 412

Write to the Point

Short Story Writing

What kind of story do you want to write? A plot-driven thriller, one with twists and turns and a surprise ending – like the work of the legendary O. Henry? Or maybe something that's light, funny, and a tad bit heartbreaking is more your style—like Charles Baxter's "Gryphon"? Or maybe what you want to write is entirely different—something rugged and sparse like Hemingway's Nick Adams stories? Through writing activities and games focusing on plot, dialogue, characterization, and tempo, you will play with words and experiment with style as you seek to develop a unique narrative voice. With writing, practice doesn't make perfect; practice makes it your own... this summer, you'll learn to own your writing and your words.

First Period 313

Write Off the Wire

Print Journalism

You've been issued an Explo press pass; think of it as your ticket to dig deeper. Whether you're a beat writer, editorialist, sports reporter, or advice columnist, your pass will gain you behind-the-scenes access to the offices, classrooms, and information of Explo. Together, we'll practice the art of the interview and investigation. We'll also train ourselves in the elements of journalistic writing: drafting strong leads, placing pertinent quotes, and efficiently summarizing material to produce captivating, informative stories. Our work won't be done there, though. As the editors of our newspaper, we'll also design layout, write captions and headlines, and make editorial decisions about our story hierarchy. What news is fit to print? This summer, that decision is yours.

First Period 314

See What I'm Saying?

American Sign Language

Sign language uses more than just your hands. It's a way of communicating with your eyes, your facial expressions, your gestures, and more. It's a unique way of telling a joke or conveying a thought. It's rhythmic. It requires listening with your eyes, and speaking with your body. Together, we'll learn the vocabulary and techniques of ASL and practice both reading and speaking in sign. We'll also take a focused look into deaf culture—reading interviews and watching film clips with first-hand perspectives of what it's like to be deaf in a non-deaf world. You'll gain not only the skills to communicate in a new language, but also a new understanding of a different culture.

First Period 315

House of Karaoke

Japanese Language + Culture

We're opening a house of karaoke! But this won't be just any karaoke den. No, we're going to make it a club that celebrates the cuisine, the clothing, (and the karaoke) of Japanese culture. We'll design kimono garments as we learn about the nation's heritage. And we'll analyze Manga comics and classic Godzilla films to gain insight into the country's pop culture. At the club, we'll design the lighting and decor while offering a catalog with all the hits (Journey's "Don't Stop Believing," anyone?). Along with that, we'll prepare authentic Japanese dishes to serve—brewing green tea and wrapping our own sushi. We'll also practice writing and speaking the language by sketching Japanese calligraphy and learning basic phrases. So, sopranos and squealers alike (or those who just like to watch)—sign up now for your chance to host an authentic Japanese karaoke experience.

First Period 316

**Lasers, Dragons,
Warriors, + Wizards****Role-Playing Game Design**

Role-playing games are an exciting way to engage others in a fantasy world that comes straight from your imagination. In this course, we will create our own role-playing games, giving you the freedom to develop characters and scenarios with unique powers, weapons, and characteristics. You will learn how to structure game play, work with teammates, and develop creative solutions for a multitude of precarious situations and battles. As you enter into a fantasy campaign with other students in the course, you will be encouraged to let your imagination, creativity, and acting skills really bring your character to life. This is the perfect course to let your imagination run wild, because in a role-playing game, anything is possible.

Second Period 413

Sports Reports**Sports + Society**

Why do Bostonians lose so much sleep from spring training through the fall classic? When did Ron Artest move from the sports page to the front page? How come people can tell you the name of the Colts quarterback but not the name of the Secretary of State? Come explore the history of sports in our society, the effects of fan culture, and how athletes are portrayed in the media today. We'll read articles about current sporting events and debate the moral and ethical issues surrounding coverage of men's and women's sports. As we look at local, national, and global sports stories—both past and present—we'll begin to uncover how and why athletes have been escalated to star status, and look at the ramifications of sports journalism on society at large.

First Period 414

This Course Bites**Vampires in Fiction**

Vampires are everywhere! *Vampire Diaries*. *Twilight*. Even *Harry Potter*. When did vampires get so hot? Well, the fact of the matter is that stories about life-snatching bloodsuckers have been around for centuries. Together, we'll study the early superstitions that created these mysterious monsters and compare/contrast the many different incarnations that have appeared in popular media—from *Dracula* to *The Munsters* to *Buffy the Vampire Slayer*. Not only that, we'll write unique vampire tales of our own—creating stories that mix vampire legend with ideas from our imaginations. Are our vampires heroes or villains? Do they stay hidden until nightfall, or do they flip burgers at the local diner? Are they zombie-like and relentlessly bloodthirsty, or are they a well-mannered suburban family with two kids at Harvard? This summer, we'll be giving life to a new breed.

Second Period 415

L'Avventura Italia**Italian Language + Culture**

On the hunt for a band of thieves, we come to a crossroads. Which way did the *ladri* go? North toward Naples or South towards Sicily? Our informant, Giovanni, knows the answer ... but he won't tell us unless we deliver him a cannoli (that we prepare ourselves!). If you're looking for a madcap adventure through the Old Country—and would like to learn some Italian language and culture along way—you've found the *classe correcto*. Together we'll navigate the waterways of Venice, explore the museums of Florence, attend fashion shows in Milan, and arrive at football matches in Rome... all the while picking up the language, learning the history, cooking the food (*al dente!*), and solving thrilling challenges that will not only lead us to the *criminali*, but also solve the mysteries of their crime.

course descriptions [320-327], [420-426]

design, engineering, + math

NOTE: Some engineering and science courses will have labs in an age-appropriate facility at nearby Dana Hall School.

First Period 320 – Second Period 420

Designing Your Dream House Architecture

You'd like a lazy river surrounding your dream home like a moat? You've got it. You want a roof deck with a Jacuzzi and an Olympic-sized swimming pool? It's yours. This is the place to turn your dreams into real architectural plans. As an introduction to architectural design, we'll teach you to read blueprints and conceptualize space. You'll learn to use T-squares, drafting pencils, and scaling devices to draft plans and draw elevations as you design and build a 3-D model of your dream home. Join us at the drafting table and determine every aspect of interior and exterior design while creating a house made just for you... by you. And, yes, you can have a room with an indoor bungee jump. But only if you design it.

First Period 321 – Second Period 421

Mansion Makeover Interior Design

Ten-thousand square feet. Four walls. One client. While there are over one-hundred-million different ways to design the space, only one will perfectly match your client's tastes and needs. Do you have the vision it takes to put it together? As you work on a design concept for a fictional client, you'll learn how to draft floor plans, select furnishings, and create a complementary palette of colors and textures. Together, we'll investigate color psychology and learn how to incorporate the concepts of Green Design and Feng Shui into your plans. By the end of the course, you'll earn rave reviews from your client and will have developed a set of interior design skills that you can take with you to redecorate your own space at home.

First Period 322 – Second Period 422

Go-Cart Madness

Go-Cart Design + Construction

Snap on your helmet. Strap on your racing goggles. Get ready for the initial push ... and go, speed racer! Welcome to the thrilling world of gravity powered go-carts, where a little axle grease and aerodynamic design are all it takes to separate you from the competition. As we gain the engineering know-how to put together a winning cart, you'll learn the basics of braking system technology and safety feature implementation. We'll learn from test runs, giving you the chance to revise your design into championship form. When we finally face off in an end-of-session time trial, we'll all end up in the winner's circle with new skills and tools to develop the ultimate go-cart.

First Period 323 – Second Period 423

ExploBotics

Robotics

Construct. Design. Problem-solve. And open your eyes to the world of robotics. Using a VEX Robotics kit of light, touch, and sound sensors as well as variable speed motors, you and your team of engineers will design and create robots capable of completing a variety of tasks—from drawing a straight line, to digging a hole, to navigating through a maze. In this team competition, each challenge will be tougher than the one before—and each will demand that you channel your creativity into an innovative technical design. Move on and you accumulate points. Get stalled and you'll be left in the dust. This summer, find out: Are you up to the challenge? Do you have what it takes?

First Period 324 – Second Period 424

Bridges, Rockets, + Forces of Nature Hands-On Physics

Join this course as a member of our engineering design firm, which has been hired to undertake tasks such as designing a new bridge over the Charles River in Boston, planning a new space shuttle, and dropping an egg safely to the ground from a perilous height. Along the way, we will study what makes things work—and why they sometimes go wrong—based on principles of gravity, centripetal and centrifugal forces, and different forms of energy. Our method will be the same in each project: design, build, test, redesign, rebuild, retest, and most importantly, have fun.

First Period 325

Death Valley Road Rally

Off-Road Vehicle Design

"Slippery when wet." "Beware: falling rocks." "Alert: monsoon-blizzard-tornado ahead." If you're the kind of driver for whom signs like this aren't a caution but an invitation, this course is for you. We'll build model electric roadsters that run across any terrain (dirt, sand, mud, oil, water) and in any condition (winds, rain, snow). You'll mod a stock design—does it need a wider base? more wheels? less surface area?—to make a car that's more aerodynamically efficient. And you'll manipulate gear ratios to find the ideal proportions of power and speed for each leg of the Road Rally obstacle course. In this class, being the best racer means being the best engineer. Because it's not only a race to the finish line, it's also a race of technology.

First Period 326

Manufacturing Mario

Conceptual Video Game Design

Pacman, Super Mario, Zelda, The Sims, Halo. Each teemed with bold characters; each featured easy-to-learn gameplay; each redefined what a video game could be; and each is an undisputed, hall-of-fame, no-doubt-about-it video game classic. In this course, we will replay the history of video gaming, from Atari to the Wii, studying the evolution of gameplay as it unfolds before our fingertips. We'll explore what makes a game successful—classic, even. And then, armed with research notes and a team of co-designers, you will plan and propose a video game of your own. What is the plot? Who are the characters? What makes your game unique? Your proposal will include level mock-ups, character and setting sketches, and user interface designs. The goal: to create the next classic. Do you have game?

[This is a conceptual video game design course. Students will not create playable video games.]

First Period 327

Step Right Up

Carnival Statistics

Step right up! Yes, you there! Today is your lucky day. It's your chance to create rigged carnival games. Oops, did I say 'rigged'? I meant 'fair'—or at least games that seem fair. Conceive and construct enticing new versions of carnival classics: whack-a-mole crossed with beanbag toss, intergalactic ducks-on-a-pond. Learn some rudimentary psychology to bring the folks in (a quick wink, an approachable smile, friendly signage, smart pitches). Sounds like fun, right? Well, here's the clever kicker: we'll lure customers in with the promise of success, but use our wits, some smart math, and surprising statistics to make sure they lose (and lose and lose again). Want to use some mathematical slight of hand to give our carnival the upper hand? Then step right up, friend. Step right up!

Second Period 425

The X-Prize

Aeronautical Engineering

The goal: the X-Prize. The challenge: build a better rocket. And we're not talking about those dinky, run-of-the-mill, store-bought model rocketry kits—in fact, we're not talking kits at all! You'll develop compressed air rockets that fly straighter and longer, stabilize pencil rockets to hit a target, and engineer staged rockets that fire additional engines mid-flight (to shoot them even higher into the stratosphere). You'll be let loose in our rocket laboratory where you'll apply the science of aerodynamics—lift, drag, thrust—to alter the design, dimensions, shapes, and sizes of a growing fleet of specialized ships. Can you give your team the boost it needs? The X-Prize is yours for the taking. The question is: are you up for it?

Second Period 426

Processing Makes Perfect

Computer Programming

Interested in learning how to program? Intrigued by cool computer graphics? Then Processing, an easy-to-pick-up programming language that specializes in electronic arts, is just for you. Think of it as an interactive sketchbook—one that lets you draw complex shapes and figures; incorporate keyboard and clicking functionality; and animate short action sequences... all in a snap. Designed by the MIT Media Lab, Processing lets you to create images and to integrate on-screen interactivity far more easily than is possible in Java or C languages, while at the same time teaching you logic and syntax fundamentals that apply to all programming languages. You can make a digitized, pixelated image of your face... a raceway with cars whooshing and whizzing by... or an army of worm-monsters that swarm to your mouse. With Processing, you'll be programming like a pro, pronto!

course descriptions [330-337], [430-436]

sciences

NOTE: Some engineering and science courses will have labs in an age-appropriate facility at nearby Dana Hall School.

First Period 330 – Second Period 430

Cracking the Case

Forensic Science

The police sit frustrated and clueless at the crime scene realizing that the only way they'll solve this one is with your help. Join our forensics team and help determine the value of criminal evidence by experimenting with chemical residue, "blood" spatter, fingerprints, and unknown fibers. To solve the forensic mysteries, we'll study hypothetical and real cases and look deeper into the abilities and limitations of forensic science. As we work our own crime scene, you'll act as scientist and detective and use newfound lab skills, deductive logic, and gut instinct to solve the case.

First Period 331 – Second Period 431

ExPIO₂ Chemistry

This course is all about reactions and what influences them. In our lab, you'll investigate relationships between the physical states of matter by changing the freezing point of a solvent with dry ice. As we experiment with and test various household items, you'll discover supersaturation, understand how carbon dioxide is produced, figure out how a fire extinguisher works, and make soda cans implode. We'll have a few (controlled) explosions along the way, so grab your safety goggles as we make the connection between chemistry and everyday life.

First Period 332 – Second Period 432

So, You Want to Be a Doctor?

Medical Careers

Television makes the medical profession seem glamorous and your pediatrician makes it look fun, but this course will make the job real. Join us as an Exploratory medical intern as we rotate through fields such as dermatology, epidemiology, and neurology on our daily rounds. Each day, we will discuss different aspects of teen health and perform hands-on activities relating to various medical specialties. We will diagnose illnesses and prescribe treatments while reviewing such topics as medical ethics and proper medical procedures. If you are ready to think on your feet and care for others, skip the medical school entrance exams (for now) and join us in the Exploratory medical classroom!

First Period 333 – Second Period 433

MythBusters

Scientific Inquiry + Investigation

Are the ingredients in Coke really strong enough to dissolve bone? Why and how does tomato juice remove the odor of a skunk spraying? Can a can of frozen shaving cream actually expand to fill a small room? Wouldn't it be fun to find out? Welcome to the world of MythBusting, where we investigate urban myths using physics and chemistry. We'll collect bacteria from toilet seats and computer keyboards (where do you think we'll find more?) and try to lift a sunken ship from the bottom of a pool using only ping pong balls. If you have what it takes to prove or disprove the myths that pervade our culture, then join us for some MythBusting!

First Period 334 – Second Period 434

Cooking with Chemistry

Molecular Gastronomy

Wanna add a little science to your soufflé? Or maybe a dash of chemistry to your couscous? Put on your lab coat and your chef's hat, because we're going to turn the Exploratory kitchen into a culinary laboratory. We'll torch the tops of crème brûlée, shrink carrots using the power of osmosis, and inject air into foods (think whipped cream... even whipped peas) to see how it changes their taste. You'll investigate how to use chocolate dispersion to create a flourless cake, how to make cheeses with different pH levels, and, most importantly, how to attain instant dessert gratification by making ice cream with dry ice. Want to bake your cake and explore it too? Then this is the class for you!

First Period 335 – Second Period 435

Loaf

The Science + Art of Breadmaking

Bagels and biscuits. Croissants and crumpets. Scones and sourdough. This summer, there's no knead to settle for something crumbly and half-baked. Roll with us, and you'll be rising every morning ready to loaf around. In this course, we'll study the science and the artistry of breadmaking (as well as the utter joy of bread eating). You'll experiment with a variety of yeasts and leavening agents—exploring how each affects the taste, texture, and rising time of breads. Not only that, you'll practice making your bread beautiful—sculpting it and adding decorative crosscuts and finishes. Mexican tortillas, French baguettes, Russian ryes, English muffins, Indian naans... with a new style from every corner of the world, we'll all be bread winners.

First Period 336 – Second Period 436**Staying Alive****Wilderness Survival**

Survivor? What a joke. Lost? Pssshhh. Jack Shephard has it easy. We're not going to have just one extreme adventure to escape from—to test your survival skills, we'll go from the sweltering Sahara, to the frigid Arctic, to the humid Amazon, to a deserted island in the South Pacific. Your team will be pitted against others as you build shelters to stay dry, construct tools for hunting, scavenge local vegetation for food, and navigate the wild terrain with self-made maps. Each locale will come with its own unique challenges and unforeseen dangers—a blizzard one day, a poisonous snake the next. You'll learn to predict weather patterns, read animal footprints, and use a variety of plantlife for medicinal purposes to increase your chances for survival. In the wild, it's not about outwitting or outplaying—it's all about staying alive.

First Period 337**Breeding Beauty****Genetics**

You've just inherited your great uncle's llama farm, and it's your job to turn a stable of 30 llamas into a profitable business. What types of llamas will you breed? Banana ears? Crimpy wool? Long hair? Black hair? The llama market sets its prices for llamas based on a variety of these desirable traits. To build the most profitable group of llamas, you'll need to become an expert in genetics and selective breeding. Together, we'll investigate DNA, simulate mitosis and meiosis, and use Punnett Squares to understand how dominant and recessive genes are passed on. Then, using the llama market as our guide, you will simulate selective breeding of your llama farm and see if you have what it takes to build a profitable stable of llamas.

course descriptions [340-347], [440-448]

visual arts

First Period 340 – Second Period 440

Splat!

Abstract Painting Studio

Brush it, throw it, press it, spin it, work it, smooth it. Contemporary painters are constantly exploring the nature of paint and painting. In our studio course, we'll join the investigation. You'll create large-scale splatter paintings in the style of Jackson Pollock, pump out dozens of Warhol-esque silkscreen portraits, and create depth, space, and movement with fields of colors like Mark Rothko. From Picasso to Pop Art, we'll explore a range of painting styles and produce an eclectic portfolio of abstract and non-objective work. If you're interested in pushing (prodding, mixing, stirring, pouring) paint to the next level, then join us as we discover what abstract painting is all about.

First Period 341 – Second Period 441

Shutterbug

Black + White Photography

This course will take you through the process of black and white photography, from the initial framing of a photograph to developing and printing techniques. By the end of the course, you will not only have taken fantastic pictures, but you will also have hands-on experience developing your own black and white prints. In addition to darkroom training, this course will focus on elements of good composition and give you a survey of the history of photography. No experience is necessary—only the desire to learn the process of photography from beginning to end.

[You will need a 35-millimeter manual camera for this course. Disposable and digital cameras are not appropriate. A reflex-lens camera works best.]

First Period 342 – Second Period 442

Pixel Productions

Digital Photography

Are you ready to harness the power of digital photography? We'll start with the basics – learning how to frame better photos in your viewfinder or digital display using the “rule of thirds” and other compositional tricks. You'll discover how aperture, shutter speeds, and image compression affect the quality of your digital files—and once we move into the editing room, you'll get into the nitty-gritty of image manipulation using Photoshop. If you've ever wanted to superimpose a dog's head on a human body (and make it look real), or simply wanted to have better control of digital darkroom tools, this is the course for you. You'll soon learn that in digital photography, taking the picture isn't the end... in fact, it's only the beginning!

[Explo can provide digital cameras for this course, though students may also bring their own from home.]

First Period 343 – Second Period 443

Cartoons in a Flash

Flash Animation

Those animations you see on the web—the ones featuring big-headed George W. Bushes and Barack Obamas, the ones with dancing badgers and cartoon characters with names like Homestar Runner. They're all made with Adobe Flash, a computer program built for digital animation. In this course, you'll learn how to create your own animation shorts using this cutting-edge application. After reviewing traditional animation methods, we'll discover how Flash makes the process simpler and quicker. Draw a character's face—then with a click, raise his eyebrow, and follow it with a full-tooth smile. Create a beautiful blue sky, a green grassy meadow—then make a dragon appear and eat up all the sheep. Flash is the past, present, and future of web cartooning, and this summer, you'll be animating in a flash.

First Period 344

Move On, Vuitton!

Intro to Handbag Design

Are you interested in style and learning how to make fashion pieces for yourself? Then join us for a course in the fundamentals of fashion handbag design. Along the way, you'll learn to hand- and machine-sew and get valuable practice cross-stitching, blanket-stitching, and tack-stitching. You'll cut and sew your bag, and then, with designs you'll sketch yourself, add embellishments like buttons, bows, handles, clasps, and closures. With a vast collection of patterns and materials to choose from, you'll be able to carve out a unique and personal direction for your handbag. You'll not only walk away with a fantastic bag, but also a great foundation of fashion skills.

[This course is intended for students with little to no fashion design experience.]

First Period 345

Win the Moonman

Music Video Production

Beyoncé started a dance craze with “Single Ladies.” Coldplay combined stop-motion animation, hundreds of elaborate chalk drawings, and a city sidewalk to create the unprecedented “Strawberry Swing.” Do you have the vision it takes to produce the next great music video? This summer, we'll review and break down clips of some of the best music videos of all time. And then, as we direct, choreograph, and produce our own video, we'll learn how to storyboard and use lighting and camera angles to bring life to our artistic vision. In post-production, you'll splice your footage and add any necessary special effects. When the video we make is bigger than the song—that's how we'll know we've made a hit.

First Period 346

Manga, Marvel, + More

Comic Book Art

POW! ZAP! BANG! There's more to comic books than exclamation points and ALL CAPS. There's a world to be created where anything can happen and where you get the final say. From classic Marvel comics, to the Sunday funnies, to Japanese manga, we will discover the art of rendering characters, learning to draw, color, and shade their movements in a variety of styles. Using storyboard techniques and panel layouts, we'll develop rich characters, fantastic settings, and thrilling plotlines that will give our tales the power to grab our readers' imagination and not let go. By the end, you'll have created not just a comic—but a story bursting with color, action, and life.

Second Period 347

spark

Creativity Challenges

You know how the best classes are the ones where you never know what's going to happen next? Well, this is that kind of class—for every exercise, every challenge, every day. You might write a play using five random nonsensical phrases. You might deliver flying cargo using nothing but helium balloons, rubber bands, popsicle sticks, and string. You might re-enact a scene from *Lord of the Rings* using the characters from *Scooby Doo*. Or you might have to design album cover art for a fake heavy metal band. Really, there's no telling what awaits you in this class... So what's the point? To cultivate your creativity. You'll learn to invent, to collaborate, to experiment, and to envision—on the fly. This summer, we'll not only imagine new possibilities, we'll create them.

Second Period 444

Skirting Fashion

Intermediate Fashion Design

You already know fashion sewing basics. Now it's time to put those skills to the test. Join us in our fashion design center as we transform basic skirt patterns into custom-fit, custom-styled works of art. You'll build and stitch together a basic outline of a skirt in muslin, and then—as you draft ideas and draw sketches for ways to modify your skirt—will fashion the design into an entirely new pattern (with a custom-fit). As you assemble your final garment from our vast collection of textiles and adornments, you'll practice a variety of fashion-making skills: matching fabrics, layering materials, and custom-fitting your design for the perfect drape. So if you're ready to build on your fashion skills— and start designing your own clothing—then what are you waiting for? You're tailor-made for this course!

[This course is intended for students with some knowledge of machine and hand sewing.]

Second Period 445

See It, Make It, Watch It
Video Production

Have you ever dreamed about filming your own movie? Why not do it this summer? In this course, you will cover the entire process of video production, beginning with the fundamentals of screenwriting and ending with post-production techniques. After our class has developed a working script, we will learn a variety of camera techniques so that we can begin shooting footage for our film. Once we have all of our raw footage, we will begin to explore the post-production editing process as we splice and seamlessly intertwine our footage into a full-fledged movie. You will leave the course with a finished film and a great introduction to the world of video production.

Second Period 446

Figure This

Figure Drawing + Portraiture

If you can see it, you can draw it. Seriously. By sketching the human figure, you will notice things that only a true student of the human body can: where fingertips fall on the leg, the placement of the eyes on the face, the way a hairline folds over the ear. Together, we will practice an array of drawing techniques, from short gesture drawings to longer figure studies, training our eye to see the body as a series of interconnected lines of different magnitude and weight. Through technique and observation exercises—and just plain drawing—you will develop a diverse portfolio of work that will reflect a new mastery of the body and the line.

Second Period 447

Rebels Without a Canvas
Guerilla Art

Guerilla art is not your regular paint-mountains-and-a-stream-on-a-canvas kind of art. For one thing, sidewalks, billboards, and the sides of buildings—those are the canvases for guerilla art. For another, guerilla art isn't about artsy, nature-y things like mountains and streams. So what is guerilla art? Guerilla art is irreverent. It's funny. It looks at the mainstream and says, "Really? Seriously?" Guerilla art is a painting of a caveman walking with a tray of McDonald's. It's flash mobs, parades, and rallies—and flash parade-mob rallies. It's about questioning anything that we take for granted. It's about creating a work of art that's so unexpected that it literally makes you stop in your tracks. It's about seeing things in a different way and challenging accepted norms. Join us this summer, and you'll make your own guerilla art.

Second Period 448

All Work + No Clay!
Non-Traditional Sculpture

Clay!? We don't need no stinkin' clay! This summer, we're going to make sculptures out of any and everything *but* clay—ping pong balls, wood, rubber bands, piping, you name it. We'll make a facial replica of former Jell-O pitcher Bill Cosby out of blocks of Jell-O. By cutting, twisting, folding, and stacking, we'll turn a pile of paper into miniaturized castles, dinosaurs, and skeletons. We'll make large-scale animals out of string, cast shoes and shirts with plaster, and build sculptures that hang in trees or from the sides of buildings. You'll investigate the nature of materials as you construct non-objective works from a piece of chewing gum, a bust from a box of paper clips, and a monument from found objects on the campus of Wellesley College. The art we make will not only be unconventional—it will also be the kind of art that people will never forget.

course descriptions [350-356], [450-457]

performing arts

First Period 350 – Second Period 450

Say Yes to Improv

Improvisation + Performance Art

Come explore both your silly side and your dramatic nature through a variety of improvisation games. In addition to improving your improvisational skills, you'll learn how to become more aware of your fellow actors and how to move and use your body and voice more comfortably. Teamwork and positive support of your fellow actors is key, so when your scene partner asks if you are the two-headed, purple haired clown who likes to eat chocolate ice cream on hot dogs, of course what you say is, "YES, and on Fridays I like to eat them with mint chocolate chip ice cream, too!"

First Period 351 – Second Period 451

Orange Man Group

Performance Art

Want to be an actor? a drummer? a juggler? a mime? How about an artist? an activist? an art-activist? Or maybe a marshmallow eater? a toilet paper thrower? a PVC pipe percussionist? (All of the above? One of the above?) Great! Then Blue Man Group-style performance art is just for you. It's silly, it's inventive, it's socially conscious, it's outrageous. It's a little bit of everything – and it's all on stage. You'll perform large-scale shadow puppetry, bang drums filled with colored water, fire marshmallows across stage into a cohort's mouth... and then catch some in your own! What's more, you'll create an unforgettable artistic statement that will astound the rest of Exploration. Ready to make some performance art? Well alright then! It's time to get your orange on!

[Orange Man is a gender-neutral performance troupe.]

First Period 352 – Second Period 452

The Lyin', the Wig, + the Wardrobe

Costume Design + Theatrical Make-Up

Do you think you could make Angelina Jolie look like the Wicked Witch of the West? How does Johnny Depp become Captain Jack Sparrow? If you've ever wanted to try your hand at the magic of make-up artistry and costume design, this course is for you! We'll practice dramatic make-up techniques—building scars and bruises, attaching prosthetic noses and facial hair, painting on age and beauty. Through character analysis, we will develop unique costume designs including sketches, renderings, fabric/material samples, as well as other details that complete the look for a range of characters. At the end of the course, you'll have a collection of make-up head shots and costume design concepts that will make Hollywood drool.

First Period 353 – Second Period 453

School of Rock

Learning, Writing, + Playing Rock Music

Step 1: Meet your classmates. Step 2: Form a band. Step 3: Rock. There are other steps along the way—like paying homage to the history of rock and writing your own songs—but those three steps are the gist of it. Working with a group of musicians of varied interests and talents, join our crash course in rock music as we investigate music theory by listening to and playing the music you want to hear. You'll learn the finer points of song composition (like how to build a chorus, refrain, or bridge) and will have the chance to perform your songs live at Exploration. Get ready to rock!

[Students should bring their own instrument (e.g. electric guitar or bass—we will provide a drumset) and know the basics of playing.]

First Period 354 – Second Period 454

Explo Unplugged

Beginning Guitar + Songwriting

A crowd of friends. A coffee house setting. You. On stage. Performing covers and originals on an acoustic guitar. Never picked up a guitar before? No problem, this course is for beginners. Together, we'll learn basic chords and strumming techniques as we investigate the craft of the singer-songwriter. We'll mine the catalogues of artists ranging from the Beatles to Gnarl Barkley as we explore song structure and subject matter. We'll workshop your first foray into writing an original song—honing verses, rhyme patterns, and choruses—and prepare you for an unplugged final performance, featuring music that you've stamped with a trademark that is uniquely you.

[Students should have little or no experience playing guitar. We will provide guitars.]

First Period 355 – Second Period 455

Hip-Hop, Ya Don't Stop

Hip-Hop Dance

We've got moves, beats, rhythm, and soul. All you've got to do is supply the desire and we'll spark a hip-hop dance revolution. We'll study the top hip-hop dancers, dissect their best moves, and work them into our own routines. Starting with basic dance steps and forms, we'll advance into more complex group choreography. You'll stretch, exercise, and work-out through each class, learning to get down and funky in our hip-hop studio. We'll finish the class off by choreographing and performing an extended dance number that will have Explo screaming for more.

First Period 356

Give My Regards to Broadway

Musical Theater

Do you belt out songs from *Grease* when you're alone in the shower? Have you dreamed of being in *Oklahoma* or wished you were haunting the stage in *Phantom of the Opera*? Well, stop dreaming and start living the life of musical theater! Working in ensembles and solos, you'll perform in a variety of roles while we enact scenes from musicals such as *Chicago* and *Wicked*. As we sing and dance our way through class, we'll develop musical theater techniques including character portrayal, voice projection, and improvisation. For our final performance, you'll be costuming, choreographing, and performing a medley of show tunes that will storm the Broadway stage.

Second Period 456

Movin' With Style

Modern Dance + Choreography

Here's a chance for beginners and accomplished dancers alike to take their skills to the next level. We'll study modern dance, including technical training, choreography, and performance. This class keeps you active with warm-ups, exercises, and experimentation in movement. You'll dance into the world of improvisation to take risks and discover the dance steps and routines already inside you. Everything will come together as we take to the stage to present our own choreographed piece.

Second Period 457

Actors' Studio

Acting

Acting is not about pretty faces and delivering lines. It's about emotions, feelings, and transporting an audience to a different time and place. With study, practice, and patience, you'll be able to become the part of a dramatic (or comedic) character and move others to tears (or laughter). We'll explore both character and method acting techniques and learn exercises to improve your voice projection and enunciation. From monologues, to simple dialogue, to ensemble acting, we'll help you overcome stage fright and prepare you for all the elements of theater. During our final performances, you'll perform soliloquies, scenes, and skits that will have the Expo audience on the edge of their seats. So step up to the stage and join our actors' studio.

workshop descriptions

what are workshops?

Workshops are designed to give our students even more opportunities to explore. Some of our workshops are shortened versions of our three-week courses, some are uncommon academic offerings, and others are skill-intensive athletic clinics. All of our workshops are one-week long and take place immediately after lunch from Monday through Friday. Each week students begin a new workshop, allowing students to sample three different workshops over the course of a session. Workshops are a great chance to try something new, rounding out your full course choices.

Workshop descriptions are listed on these pages and continue on page 18. Unless otherwise noted, workshops meet for just over an hour every weekday.

On your application you must choose six workshop preferences. Workshops are numbered [W501-W554]. The registrar will attempt to enroll you in your top choices based on availability.

W501 Soccer

Dribble, shoot, pass, kick, score! Come perfect your soccer skills by working with some of our best staff players. We'll do drills, talk strategy, and scrimmage according to skill level. There will be plenty of time to practice your fancy footwork on Wellesley's athletic fields. Next stop— World Cup!

[Students participating in the Soccer workshop must bring their own pair of shin guards or purchase a pair from Exploration.]

W502 Basketball For Girls

W503 Basketball For Boys

Set a pick, block a shot, and hope you don't get fouled. Whether you run the courts every day or are new to the sport, come work on drills, strategy, and techniques as we practice driving towards the hoop. Who knows? You may be the next Shaq or Lisa Leslie.

[Boys and girls are taught separately.]

W504 Volleyball

BUMP! SET! SPIKE! You don't need sand on the beach to enjoy this popular team sport. Spend some time with us on the volleyball court where we'll show you how to set, serve, volley, and spike. We'll go over the basic rules, scoring, and strategy so you'll be ready for all the action at Expto.

W505 Softball

What could be better than a bright summer day and a game of softball? In this workshop, we'll practice pitching, hitting, and fielding techniques through specific exercises and then put them into practice in competitive scrimmages. You'll improve your softball skills and be hitting home runs in no time!

[This workshop is for girls only.]

W506 Baseball

Imagine a stadium full of screaming fans, your team down by one in the ninth inning, and you're up at bat. Here's the pitch, you swing and crraaack! You send the ball flying out of the park! In this baseball workshop you'll learn the fundamentals of how to pitch, hit, and slide into victory.

[This workshop is for boys only.]

W507 Lacrosse For Girls

W508 Lacrosse For Boys

Lacrosse is one of the fastest growing sports in the United States. Come learn basic skills such as cradling, throwing, catching, and picking up ground balls. We'll learn offensive and defensive strategies as we play this exciting, fast-paced game on the artificial turf field on campus.

[Boys and girls are taught separately. Students participating in the Lacrosse workshop must bring a fitted mouth guard or purchase one from Exploration.]

W509 Touch Football

The crowd goes wild as the quarterback passes you the ball. Weaving your way through some fast-moving linebackers, you head down the field. Just a few more yards to go and... TOUCHDOWN! In this American touch football workshop, you'll learn how to rush, intercept, and complete your passes. We'll learn solid offensive and defensive strategies, giving you what you need to take your football skills to the next level.

W510 Ultimate Frisbee

Ultimate Frisbee is an exciting, non-contact sport played worldwide. It's more than just tossing and catching a disc, it involves skill, finesse, and strategy. As with many other popular sports, ultimate is a fascinating and quick-paced game, which requires creative offensive skills and a strong defense. The simple rules make it easy and fun to learn.

W511 Tennis

Watch out Roger Federer. Move over Maria Sharipova. Work on your serve, volley, forehand, and backhand shots as we practice drills and talk strategy. Wellesley College's courts are a great place to learn more about the sport or enhance your tennis skills.

[You must bring your own tennis racquet.]

W512 Squash

Step up to the service line, play a drive down the wall, and learn to control the T area. Whether you play squash every day or generally have it served on a dinner plate, join us to practice rallying, talk strategy, and learn more about this fast-paced, athletic game on Wellesley College's squash courts.

[Students participating in the squash workshop must wear non-marking athletic shoes.]

W513 Track + Field

Come learn about jumping, hurdles, dashes, relays, and more, as we practice these track and field events. Sprint your way to the finish as you participate in events that date back to Ancient Greece, but will actually take place on Wellesley College's track. On your mark... get set... GO!

W514 Archery

For anyone who's ever dreamed of being Robin Hood, sending arrows into the bulls-eye every time, now's your chance! Come try the sport of archery, where you'll learn how to handle a bow, aim an arrow, and let it fly true. By the end, you'll know how a real competition is played and scored. No experience necessary.

W515 Outdoor Camping Foundations

Want to learn how to really enjoy the great outdoors? Join us in this friendly introduction to outdoor camping. We'll learn to pitch a tent, build a fire, do basic first aid, and prepare our own campfire meals. On the final day of this workshop, we'll take a fieldtrip to a nearby reservation for some short hikes and a chance to put your skills to the test as we set up camp for a real outdoor overnight.

[This workshop culminates in an overnight camping trip that leaves Friday before recreational activities and returns before breakfast on Saturday morning. There is an additional fee of \$50.]

W516 Swimming

Jump into the Wellesley pool and get ready for some competitive swimming! You'll learn the skills you need to shave full seconds off your times with plenty of stroke practice, flip turns, and surface dives. Finally, we'll show off your newfound talents with a mini swim meet. This course is for experienced swimmers only. [You must complete a swim test during the summer to take this workshop.]

W518 Canoeing

Canoeing is the perfect way to explore the serene waters of Lake Waban. You'll master basic skills, practice specific strokes, and understand safety techniques. Whether you prefer a quiet cruise along the shore or an intense cross-lake race, you'll enjoy every moment spent canoeing.

[You must complete a swim test during the summer to canoe.]

W519 Kayaking

Grab a paddle and brave the waters! Kayaking is a great way to relax and experience the natural habitats of the beautiful Lake Waban. You'll learn to maneuver your kayak effectively, perform specific strokes, and glide fast enough to outpace your classmates in a cross-lake competition. Join us for five glorious days in our fleet of kayaks. [You must complete a swim test during the summer to kayak.]

W520 Yoga

Breathe, stretch, relax. Strengthen muscles, increase flexibility, and center your mind, while learning physical postures, the flow of movements, and the internal actions of yoga. We will learn the rich and ancient history of Yoga and the benefits for mind and body. Beginners are welcome!

W521 Hip-Hop Dance

You've got a great beat stuck in your head and you're itching to move. Look no further! Translate that contagious energy into dance! You'll break down your favorite hip-hop moves and learn the building blocks of hip-hop dancing. So turn up the volume and get ready to MOVE!

W522 Step

Let me see you one, two, step! Come learn the percussive dance form in which your entire body becomes an instrument to create complex rhythms and sounds through a mixture of footsteps, spoken word, and hand claps.

W523 Cheerleading

Tumble, jump, and spring into action as you cheer on your peers. In this workshop you will learn the fundamentals of cheerleading such as toe touches, pikes, and pyramids. So grab your pompoms and get ready to cheer!

W524 Intro to Acoustic Guitar

Have you watched in envy as a friend picks up a guitar and can play along to the new Jason Mraz song? In this guitar workshop you'll put together elementary chords, melody playing and proper hand techniques that will have you playing along to your favorite musicians in no time!

W525 Acting 101

Do you feel destined for the stage, but don't quite know how to get started? You'll read and analyze scripts, learn to develop a character, and practice some voice techniques to make sure that you're heard. You are sure to develop your own style and flair in this dramatically inspired workshop.

W526 Improv

Improv comedy is fast, exciting, and FUN! Come learn interactive games and make each other laugh. You will learn that there is more to improv than just being funny—you must be an excellent listener, a quick thinker, and a good onstage partner in order to create a comedic spark. We'll create characters from prepared materials as well as from original ideas.

W527 Musical Theater

Be a triple threat. Sing, dance, and act in this workshop designed to help you develop characters, learn vocal projection, prepare songs, and move like a star. We'll work on scenes from musicals like *Chicago* and *West Side Story* to help you hone your skills. Put on your dance shoes and warm up your vocal chords, because you're going to Broadway!

W528 Stage Combat

It's all about rolling with the punches when you join this class. You'll learn the art of fake karate, fake kickboxing, and fake street fighting. We'll uncover the secrets to making a fight on the stage look real. But don't worry, no Explo students will be harmed in the teaching of this class!

W529 Circus Skills

Anyone ever told you to stop "clowning around?" Finally, here's a workshop where clowning around is the whole point! You'll learn the basics of juggling, build a character for clowning, and learn to walk on stilts. Before you know it, you'll be ready to join Ringling Brothers or Cirque du Soleil with your hilarious skills and amazing feats!

W530 Magic Fundamentals

Learn the secrets of master magicians and work towards becoming a true entertainer. In the workshop, we'll focus on the basic slight-of-hand techniques needed to pull off some incredible close-up illusions, involving playing cards, coins, and more. You'll develop your own unique patter and routine, and by the end of the week be ready to amaze your friends.

W531 Digital Animation

The internet and TV are full of dynamic, fast-moving images. Lizards talk during commercial breaks, sparkling stars follow your cursor around on the screen, and when you least expect it - a UFO descends from the top of the screen. Using software called Flash, you'll create and animate a simple two-dimensional character that can ultimately be exported to the Web or used in a future project.

W532 Cartooning and Comics

From the political cartoons in the newspaper to the Calvin and Hobbes strip in Sunday comics, cartoons are everywhere. In this workshop, you'll learn the fundamentals of the pros, and walk away with an original comic strip of your own creation.

W533 Digital Photography

Got a digital camera but not sure it's living up to its potential? Come learn the techniques for capturing and printing digital imagery. You'll discover the basic functions of digital cameras and learn how to store, access, and edit images. Bring your camera and snap away! [Explo can provide digital cameras for this course, though students may also bring their own from home.]

W534 Non-Traditional Photography

Create a matchbox-size camera to take teeny, tiny photographs. Or, use a multi-lens camera to shoot movie-like sequential photos. In this workshop, you'll learn to use the darkroom, photo-sensitive paper, an assortment of unusual tools, and your own creativity to make an assortment of bizarre and fascinating prints.

W535 Digital Studio

The art of digital manipulation allows you to produce photographs of the impossible. Use the software tool Photoshop to insert yourself into famous paintings, or manipulate a self-portrait so you look like a mythical monster. The possibilities are endless when you have the tools to blend, layer, filter, and manipulate graphics and photos to fit the limits of your imagination!

W536 Garage Band

Turn your original tune into a real song with GarageBand, a music composition software tool that's quickly gaining popularity around the world. Layer vocals, percussion, even a full brass band if you desire. Both beginners and experienced students will create and critique musical masterpieces of varying complexity.

W537 TV Commercial Production

Do you ever watch commercials on television and think, "I could do better than that." Now you have the chance to put together your very own commercial. You will learn about jingles, advertising, and the art of persuasion while producing your very own commercial.

W538 Painting

Learn about color relationships and their dramatic effects in painting. You will mix colors, build vibrant washes, and experiment with a variety of application techniques, as you create your own masterpieces under the guidance of one of our finest staff artists.

workshop descriptions cont'd

[W501-W554]

W539 Jewelry Design

Making beautiful metal jewelry is easier than you might guess! Some wire plus a pair of pliers and we'll have you twisting, coiling, linking, and crimping in no time! Learn the basics of wire jewelry-making as you craft elegant creations you can wear at the end of class!

W540 Interior Decorating

Extreme Makeover Explo Style! Come learn the basic principles of interior decorating as you create a rendered floor plan complete with material samples. We'll explore color psychology, Feng Shui, furniture placement, and much more, as you learn what it takes to be a top-notch interior decorator.

W541 Sewing Basics

This workshop is all about learning the fundamentals of sewing. Together, we'll learn how to set up and use a sewing machine to do the stitching on a custom-made pillow. We'll finish off our pillows with hand-stitching, and a few flourishes like decorative buttons and other embellishments. This course is intended for students with little to no sewing experience.

W543 Graffiti Art

Criminal activity or artistic expression? You decide, as you look at the long and colorful history of graffiti, from the earliest political cartoons to urban social protest. Design your own "tags" and graphic styles, and experiment with spray paint and other mediums to leave your creative (non-vandalizing) mark.

W544 Woodworking

Do you like to work with your hands? Appreciate the smell of newly sawn wood? Designing, shaping, sanding, finishing – it's all part of the creative process. Enter the world of woodworking and create works of art from rough lumber to a finished project ready to take home.

W545 Rustic Italian Cuisine

Come and learn the secrets of rustic Italian cuisine as they have been prepared for years in the Italian countryside. You'll create mouth-watering pizzas rolled out by hand, homemade pasta in a robust red sauce and crunchy cannolis to finish off the meal.

W546 Iron Chef: Competitive Cooking

Start your ovens... it's time to get cooking! This workshop will introduce you to the basics of cooking techniques and healthy meal planning. You'll learn to sauté, simmer, and stir-fry your way to a delicious meal. You'll team up with your fellow chefs to try and beat the clock and create the tastiest and most nutritionally balanced meal. Your heart will be left racing, your blood pumping, and your taste buds tingling.

W548 Events Planning

Don't just be the life of the party - be the party planner! In this workshop, we'll learn the organizational techniques that professional party and event planners use to pull off their elaborate functions without a hitch. Alongside the Intermediate Program's "Programming Office," you will be responsible for planning an evening main event, then actually making it happen.

W549 Launch Your Own Business

Running your own business doesn't need to wait until you're out of business school. Whether you want to do yard work for your neighbors on the weekends, tutor younger students after school, or babysit at night, there is something out there for you to do. You can launch your own profitable endeavor right now, provided you have a solid plan and the right know-how.

W550 Strategy Games

Forget luck! We'll take a look at tuning up your strategies with classics like Monopoly and learn about the new wave of Euro-style games such as Settlers of Catan. We can't guarantee a win every time you play, but we'll definitely improve your chances.

W551 Treasure Hunting + Orienteering

Deep in the woods of Wellesley College on the shores of Lake Waban lies a hidden treasure. After learning the skills of map-reading and orienteering, you and your team will set out on the hunt and compete against others to see who can find it first!

W552 Engineering Challenge

This class is all about wacky design challenges that will force you to use quick wits and creativity. Can you build the strongest bridge constructed of spaghetti? How about the fastest balloon-powered car? Who will win the mystery challenge? May the best engineer win!

W553 Projectile Pros

Ever wonder how scientists are able to tell where something will land, based on how high and fast it flies? Now you'll know, as you build contraptions to launch objects and understand their trajectories so you can actually take aim at a target. From firing marshmallows to building effective slingshots, you'll learn all about the science of ballistics. Ready, aim, fire!

W554 Robotics

Explore the basics of electrical circuitry, the physics of motion detectors, and the mechanical engineering behind robotics. You'll build robots to achieve a specific challenge: go up a stair or draw a line. You'll have the technology to build them bigger, faster, STRONGER than ever before. Your robots will go head to head in this teamwork-intensive workshop.

SPECIAL DOUBLE PERIOD WORKSHOPS:

Any workshop may occasionally use the afternoon recreational activity period to finish work or extend a longer project. The following workshops use that activity period every day. Students who select these workshops will not participate in our afternoon recreational activities for the full week they are enrolled.

W517 Sailing

Bring up the main sail and get ready to tack. On the waters of Lake Waban, learn sailing terms and techniques on Explo's 14-foot Catalina sailboats. Whether you're a novice landlubber or a skilled sailor, the lake is a calm and delightful place to learn and practice sailing.

[You must complete a swim test during the summer to sail.]

W542 Skin Care Creations

Your body's largest organ? Your skin. Learn the science behind healthy skin, while mixing up your own spa-inspired lotions and cremes. Once you've hit the mark with a rejuvenating pH-balanced formulation, it'll be time to market your product and offer your treatments to eager clients.

W547 Candy Making

Discover the delicious secrets to making delectable treats. From gooey, sticky sweets to chocolate masterpieces - learn how to make your own candy from scratch. You'll be surprised by how candy making is a perfect balance of science and artistry. And don't worry - you'll get to eat everything you make!

special weekend options

what are special weekend options?

sports clinics

The Intermediate Program offers a variety of recreational athletic periods throughout the week, along with skill-intensive workshops led by our instructors. Some students want to spend even more time with their favorite sport. All-day Saturday sports clinics are a great way to do that.

Sports clinics are available for an additional fee of \$60.

Space is limited. Interested students must sign up in advance on their applications.

overnight trip to New York City and Yale University

[for students entering 9th grade only]

In addition to regular weekend trips, the Intermediate Program offers a special overnight trip to New York City for students entering the ninth grade. The trip includes sightseeing, a Broadway show, dinner in New York, as well as a picnic lunch at the Senior Program at Yale University.

The New York trip is available for an additional fee of \$285.

Space is limited. Interested students must sign up in advance on their applications.

! important notes about special weekend options

Sports clinics and the New York overnight trip are optional. They are offered in addition to our regularly scheduled weekend trips. Students who do not participate in these limited enrollment options will choose from six to eight additional trip destinations or on-campus workshops each weekend day. Parental permission is required for students who wish to withdraw from a special weekend option for any reason during the summer. Refunds will be granted only if the student is replaced and/or additional funds are not incurred.

Soccer

1st Session: Sat July 3 2nd Session: Sat July 24

From the streets of San Paulo to the playgrounds of Paris, soccer is the most popular sport in the world. On the fields of Wellesley College, we'll learn the fundamentals of this global phenomenon. Tony Mohammed, head soccer coach for Wellesley, will lead you through a day of drills, skills, and soccer strategy. The clinic will cover ball work (inside, outside, top of foot), as well as proper techniques for dribbling, passing, and shooting. Get ready to practice different skills and tactics and learn new drills to hone your ball handling skills. At the end of the day, you'll get to challenge yourself in a small-sided scrimmage to show off what you've learned.

Sports Clinic Cost: \$60

Basketball

1st Session: Sat July 3

Want to dunk like Dwayne Wade? Unfortunately, you'll probably need a growth spurt of at least ten inches. In the meantime, make your way towards the NBA the way the pros do: learn the fundamentals of smart passing, accurate shooting, and solid defense. Students will spend the day on the courts with Wellesley College basketball coach Jennifer Kroll. Coach Kroll will cover person-to-person defenses as well as screening, posting-up, and blocking out for rebounds. The clinic will continue with an active scrimmage, followed by a discussion about basketball skills and sportsmanship on and off the court.

Sports Clinic Cost: \$60

Squash

1st Session: Sat July 3 2nd Session: Sat July 31

Squash is not just a vegetable! Learn to take command of the court in this fast-paced and high-energy racquet sport. On the courts of the Wellesley College Sports Center, you'll spend the day with Wellesley College's head squash coach, Wendy Berry, as she takes you through the basics and beyond. Coach Berry will teach you techniques and strategies to make you a better player, whether it's your first time on the squash court, or you've played the game before. From drop shots to lobs, and volleys to drives, by the end of the day, you'll be ready to participate in a round-robin tournament with your classmates. Ready? Let's see that first serve!

Sports Clinic Cost: \$60

Tennis

1st Session: Sat July 10 2nd Session: Sat July 24

Game, set, match. Come learn how to serve like Federer and volley like Venus with Wellesley College head tennis coach Brian Kuscher. On the tennis courts at Wellesley College, you will spend a fun-filled day working through a range of drills focusing on forehand, backhand, footwork, volleys, and overheads. You'll pick up tips to improve your skills and know-how, and learn how tennis is played at the college level. You'll take a short break from the courts and spend some quality time in the weight room with Coach Kuscher learning about lifting and conditioning in college level athletics. By the end of the day you'll be ready to try out a round-robin tournament with your classmates.

(Note: Participants should have some previous tennis experience and should bring their own racquet.)

Sports Clinic Cost: \$60

Bright Lights, Big City

overnight trip to New York City and Yale University

[for 9th graders only]

Traveling in the comfort of a chartered coach, you'll leave Wellesley College on Saturday morning and end up in the heart of the Big Apple. There, you'll experience the sights and energy of Times Square on your way to a Broadway matinee. (First session students will see *Mamma Mia*, and second session students will enjoy *Phantom of the Opera*) In addition to the show, you and your friends will tour NBC studios, dine at a popular New York restaurant, and enjoy a twilight harbor cruise that will take you past Lady Liberty and around Manhattan Island. After a night in a hotel outside the city, you'll head to Connecticut for a tour of the Exploration Senior Program at Yale University. Lunch will be a picnic with pizza from the famous Pepe's in New Haven, followed by a restful trip back to Wellesley.

Trip Cost: \$285

This trip leaves on Saturday morning and returns on Sunday; the trip takes the place of regular weekend trips. Students must sign up in advance and will be charged an additional \$285 to cover the cost of this special overnight. All lodging, transportation, meals, tickets, and organized events, other than spending money, are included in the price of the trip. Please note that space for this trip is limited, and available on a first-come, first-served basis.

meet our staff

our 2010 staff

Listed on this page and the next is a sample of the staff members who will work with you next summer.

As you browse through their bios, you will find that there is nothing typical about the Exploration staff. They are as diverse as the many backgrounds and experiences they bring to the Program. We refer to our staff as "faculty" because of the many roles they fill throughout the summer. They are not only your instructors but also your advisors, activity organizers, and trip leaders.

head of the intermediate program



Elliot Targum began working for Exploration in 1997. Prior to becoming the Head of the Intermediate Program, Elliot held many positions at Exploration, including Residence Director, Programming Director, and Dean of Day Students. Elliot was a founding teacher at a Boston charter school and taught math and science in the Cambridge, MA public school system. Elliot is known as an "idea factory" and one public school teaching colleague described him as "the most progressive teacher in the district." Elliot's interests and talents are broad. He was a math correlation specialist at Riverdeep,

Inc., working on interactive mathematics software, and he worked with Games-To-Teach, a partnership between MIT and Microsoft's iCampus. In addition, he is the founder of EB Tutoring and juggles flaming torches during the summer at Exploration. Elliot is a graduate of Haverford College and earned his M.Ed. at the Harvard Graduate School of Education where he concentrated in technology and education.

summer administrative faculty

Stacey Jones graduated from Bowdoin College with a degree in Sociology. She began her career as a Director for SCORE! Educational Centers, building specialized curriculum plans to provide enrichment and basic skills support for students. In 2004 she returned to Bowdoin College as Director of First Year Programs where she supported the First-Year class and several identity-based student groups. She is currently the Associate Dean for Students at St. Paul's School in New Hampshire, where she coordinates student clubs and counsels residential students. After working in both the Dean's Office at the Junior Program and Intermediate Program, Stacey will return to the Intermediate Program as the Dean of Students.

Quinn Snellings is a graduate of Hamilton College, where she majored in French and Comparative Literature. In addition to her work at Tilbury House Publishers, Quinn worked as a volunteer teacher at the Clinton Elementary School during her college years. An avid traveler, she has lived in France and spent several months backpacking through Southeast Asia. After three summers in the Dean's Office, Quinn will return as an Assistant Dean and the Focus Programs Coordinator. She now works year-round for Exploration as the Assistant to the Head of the Intermediate Program.

Kirsten Hermanutz received her bachelor's degree in psychology from Kenyon College and is pursuing a master's degree at the University of Denver. As an undergraduate, Kirsten served as the psychology department's volunteer coordinator. She also collaborated with Big Brothers Big Sisters, Head Start, and a local elementary school working with youth in the community. Kirsten works with the Girl Scouts of Colorado to train community educators in anti-bullying curricula, and provides after-school programs for at-risk girls. This summer Kirsten will return to Exploration as the Main Office Director.

Angela D. Turner has a master's degree in education from the University of West Florida, and a master's degree in mental health counseling from Florida State University. She has taught all levels from pre-school through undergrads in public and private schools. She spent a number of years at home raising children before becoming a church youth director where she organized and implemented all 6th through 12th grade programs. Currently, Angela is the student support coordinator for the Florida State University College of Medicine working with first/second year medical students and has her own counseling practice in Tallahassee, FL. This summer, Angela joins the program as an Assistant Dean for the Day Program.

Claire Cornish graduated from Knox College with a degree in studio art and later received her Masters in Teaching from Tufts University. She taught middle school art in Newton and Wellesley, Massachusetts for five years, then relocated to St. Louis, Missouri where she is currently teaches Kindergarten, Art, and Social Studies at Forsyth, an independent elementary school. Claire is returning to Exploration, after a two-year hiatus, as Assistant Dean of Students at the Intermediate Program.

Laura Stocke is a graduate of the University of Virginia where she received a BS in chemistry. She has student taught and volunteered in the Charlottesville Public Schools, and has volunteered at a children's museum in Charlottesville during her time at UVA. Currently, Laura is completing her master's degree in secondary science education and serves on the board of directors at Madison House, a non-profit organization in Charlottesville that works to send over 3,000 volunteers into the community each year. Laura returns to Exploration for her fifth summer as the Assistant Director of the Programming Office.

Matt Peal graduated from the University of Georgia with a Bachelors degree in history. After graduating, Matt took a position as a history teacher and coach at The O'Neal School, a private day school in suburban North Carolina. Currently, Matt is living in New York City completing a Masters degree in Organization and Leadership at Columbia University. This will be his sixth summer with the Intermediate program, having previously served in the Programming and Dean's Offices. He returns this year as the Director of Programming.

Heidy Shinn received her bachelor's degree in psychology and sociology at Boston University and her master's in education policy at the Harvard Graduate School of Education soon afterwards. Heidy has been a middle school math teacher at various schools in and around the Boston and San Francisco areas. Currently, she serves as the founding Dean of Student Life at Atlas Prep, establishing the policies and culture that provide a much needed college preparatory environment for inner city students in Colorado Springs. Heidy will be joining the Intermediate Program this summer as an Assistant Dean of Students at Exploration's Intermediate Program.

a sample of our summer faculty

Maya Barua is a Psychology major at the University of Michigan where she serves as a resident advisor. In high school, she attended the School for Creative and Performing Arts, and was Director of Youth Services for the Treenaneel Bengali Association of Kentucky, a non-profit, cultural organization involved in promoting Bengali language and culture. Maya returns to Exploration as a Painting Instructor.

Michael Chapman is a Biology major and Masters of Teaching student at the University of Virginia. He currently serves as the Vice Chair for First Years of the University Judiciary Committee. Michael has interned several times with the National Aeronautics and Space Administration (NASA) in the fields of fiber optics and educational technology, and has also worked as a teaching assistant at UVA. Michael will return to Exploration this summer as an Instructor.

Christine Duncan is a Phi Beta Kappa graduate from Colgate University where she majored in English and has her Masters from Boston University in English Education. She is currently working as a seventh grade English teacher. Christine has worked for the Program as an Instructor as well as a Curriculum advisor and is returning for third summer as a Curriculum Advisor.

Lindsay Evans is a student at the University of Virginia where she majors in Biology. She is a member of the Biology Society, a peer advisor for Peer Health Educators, an aquatics therapy intern at a children's rehabilitation center, and is returning to the program for her third summer as a Main Events Coordinator.

Kwame Gayle is a student at Macalester College studying Media Studies and Anthropology. In high school, he was prefect and head of house of Munro College, an all-boys boarding school in Jamaica and is fluent in Spanish, French, and Jamaican Patois. After his first year in college, Kwame returned to his boarding school and taught Spanish to students in 7th-9th grade. Kwame returns to Exploration as an Instructor.

Courtney Hall is a student at Brown University where she is double majoring in Public Policy and Mathematics. She volunteers for Math in Motion, which teaches kids about math through sports and is also a Rhode Island Legislative Research Intern. She participates in the Mock Trial team at Brown as an Executive Board Member and is returning to Exploration as an Instructor for Mock Trial.

Alex Harper is a student at the University of West Florida where he majors in Biology. He enjoys running, playing soccer, and rock climbing. He has been a trip leader for the Tropical Audubon Society and has identified over 300 bird species in the state of Florida alone. He returns to Exploration as the Wilderness Survival Instructor.

Elizabeth Krane is a Literature major specializing in Italian and Dramatic Literature at Harvard University. Having performed with her high school's a cappella group and drama club, she currently sings with the Radcliffe Choral Society, tap-dances with one of the college's dance companies, and works on all aspects of theatrical production with the Harvard-Radcliffe Dramatic Club. Elizabeth will return to the Program as an Instructor of Musical Theater and Italian Language.

Marilu Lammon is a student at the University of Alabama as a Finance major. In high school, she was captain of her cheerleading team, a member of student council, and taught kids ballet, tap, hip-hop and cheerleading. She is currently an executive cabinet member of the Alabama Finance Association at her university and is excited to be returning to Exploration as an Instructor.

Diego Millan is a graduate of Bowdoin College where he majored in English. He is currently attending graduate school at Tufts University for English Literature. Diego is fluent in Spanish and Japanese, plays the guitar, and does improvisational theater. Diego is returning to Exploration as a Residence Director.

Danny Nelson graduated from Hobart College majoring in English and Critical Social Studies and is in the process of completing his Masters degree at the Royal School of Library and Information Science in Copenhagen, Denmark. Danny has also worked as a special education tutor in a high school. Danny also enjoys playing ultimate Frisbee and the guitar. He is returning to Exploration for his seventh summer as a Residence Director.

Lauren Peal is a graduate of the College of Holy Cross, where she majored in Biology and minored in Biochemistry, and was a member of the women's crew team. Lauren has taught science at The O'Neal School, coached basketball and soccer, and is currently a 5th grade science teacher in New York City. She is excited to be returning to Exploration for her sixth summer, and will support the Program as a Curriculum Advisor.

Andrea Stewart attends the University of Rochester where she majors in Biology. She was the valedictorian of her high school graduating class as well as the recipient for the Society of Women Engineers Science Award. She is a founding member of the Louvre Performance Ensemble and was an assistant dance teacher at Dance Express where she taught students ballet, jazz, and tap dancing. Andrea is excited to return to Exploration as an Instructor.

Shannon Times is a graduate of Hobart and William Smith Colleges with a degree in Mathematics. She recently completed her Master's of Art in Teaching in Adolescent Education at Hobart & William Smith Colleges and is currently working as a substitute teacher. In college, she was treasurer of the Black Student Union, was a dancer and choreographer for the Koshare Dance Collective and a member of the Track and Field team. She returns to the Program as a Residence Director.

Shayna Times graduated from Hobart and William Smith Colleges with a degree in Mathematics and is currently in her graduate year at HWS where she is student teaching in a 7th grade math classroom. In high school she was the varsity captain of the track team, and in college she was a member of the Black Student Union as well as a mentor for both Learn to Read and America Reads. She returns to Exploration this summer as a Day Director.

Gabriella Vannoni is majoring in Biology and Teacher Education at Bates College. She is currently a student teacher for 9th graders and director of the 10th grade science fair. Gabriella is also a Senior Admissions Fellow at Bates and a member of the Dean of Students Office Staff where she has worked as a Junior Advisor and currently as a Residence Coordinator. Gabriella will be returning to the Intermediate Program as a Residence Director.

Josh Weinstein is a student at Florida State University where he is majoring in Acting. Josh is an Eagle Scout, and in high school, was president of his high school drama club, a member of an a cappella group, and a varsity swimmer. He worked at a summer drama camp where he taught improvisation, voice, and tap dancing. Josh is returning to Exploration as the Assembly Coordinator.

Kristina Young is a graduate of Pomona College where she earned a degree in psychology. She is a passionate singer who performed with her college gospel choir. Currently she works as an assistant teacher at the Shore County Day School. She is returning to Exploration for her seventh summer and will work as a Residence Director.

our curriculum advisory committee

Members of the Curriculum Advisory Board are experts in their fields. They help generate new course ideas, shape current curriculum, and keep Exploration on the leading edge of the world of people and ideas.

(F) former faculty
(S) former student

Robert S. Berg is a physics professor at Wellesley College. He has taught courses ranging from introductory to advanced quantum mechanics. He received his A.B. from Princeton University and his Ph.D. in physics from the University of California, Berkeley. Robbie co-developed a course at Wellesley called Robotic Design Studio. In this innovative, interdisciplinary course, students learn how to design, assemble, and program robots. Through their robotics projects, Robbie's students tap into a wide range of disciplines, including computer science, physics, math, biology, psychology, engineering, and art.

Neil H. Buchanan is an associate professor of law at The George Washington University Law School. He received his A.B. from Vassar College where he was a member of Phi Beta Kappa. Neil went on to earn his A.M. and Ph.D. in economics from Harvard University. He won the Allyn Young Teaching Prize and a certificate for distinction in teaching from Harvard. Neil has taught economics at Wellesley, Goucher, and Barnard Colleges, as well as the University of Wisconsin. He earned his J.D. from the University of Michigan magna cum laude and clerked for Judge Robert Henry for the United States Court of Appeals for the Tenth Circuit.

Leah Hager Cohen (F) is the author of four non-fiction books and three novels. She has written extensively for the New York Times and has taught writing at Lesley University and Emerson College. Her honors include making the New York Times Notable Book List three times, the American Library Association's Ten Best Books of the Year, and Toronto Globe and Mail's Ten Best Books of the Year. Leah received her B.A. in creative writing from Hampshire College and her M.S. in journalism from Columbia University Graduate School of Journalism.

Michael C. Dorf (F) is the Robert S. Stevens Professor of Law at Cornell Law School and was previously the Isidor and Seville Sulzbacher Professor of Law at the Columbia University School of Law. He was also the Michael Sovern Professor of Law and the Vice Dean of the Columbia University Law School. While teaching at Rutgers University School of Law (Camden), he was the recipient of the Outstanding Professor of the Year Award. Mike writes extensively on U.S. constitutional law issues and civil procedure matters for both scholarly publications and for popular audiences. While at Harvard Law School, Mike was Best Oralist and captain of the first-place team for Ames Moot Court. He clerked for U.S. Supreme Court Justice Anthony Kennedy. Mike earned his A.B. from Harvard College magna cum laude and was elected to Phi Beta Kappa. As an undergraduate, he was named national champion of the American Parliamentary Debate Association.

Barry J. Fishman (S,F) is an associate professor of learning technologies in the University of Michigan School of Education and School of Information. He is currently a visiting associate professor at the Harvard Graduate School of Education. His research focuses on the use of technology to support teacher learning, standards-based systemic school reform, and the role of education leaders in fostering classroom-level reform involving technology. Barry is the 2001 recipient of the Jan Hawkins Award for Early Career Contributions to Humanistic Research and Scholarship in Learning Technologies. He received his A.B. from Brown University in English and American literature, his M.S. from Indiana University in instruction systems technology and his Ph.D. in learning sciences from Northwestern University.

Nathaniel O. Keohane (F) is the Director of Economic Policy and Analysis for Environmental Defense. Nat works to develop and advocate environmentally responsible and economically sound climate policies aimed at reducing emissions of greenhouse gases. He seeks to bring economic theory and empirical analysis to bear on questions such as the optimal design of cap-and-trade systems and the long term impacts of climate policy on the U.S. economy. Prior to working at Environmental Defense, Nat was Assistant and then Associate Professor of Economics at the Yale School of Management. He received his B.A. from Yale College and his Ph.D. in political economy and government from Harvard University.

Wei-Chung Allen Lee (F) is a postdoctoral fellow in the Department of Neurobiology at Harvard Medical School. He is working on elucidating the functional role of interneuron classes in the visual cortex. Prior to his work at the medical school, Wei worked at the Picower Institute for Learning and Memory at the Massachusetts Institute of Technology (MIT). Wei earned his Ph.D. in neuroscience at MIT, his S.B. in chemical engineering from the California Institute of Technology, and his A.B. in biochemistry and government, with a minor in physics from Bowdoin College.

Douglas Liman (S) is a film director and producer. He began making short films while still in junior high school and studied at the International Center of Photography in New York City. While attending Brown University, he helped to co-found the student-run cable television station and served as its first station manager. While a graduate student at the University of Southern California, Doug was tapped to helm his first project, the comedy thriller *Getting In/Student Body*. He went on to direct *Swingers*, then did double duty as director and cinematographer on the film *Go*. Doug enjoyed further success when he helmed the action thriller *The Bourne Identity*. He then stayed on and served as Executive Producer of *The Bourne Supremacy* and *The Bourne Ultimatum*. He directed *Mr. & Mrs. Smith*, his most commercially-successful film to date, and executive produced and directed the pilot episode as well as the second episode of the Fox prime-time drama, *The O.C.*

Ramien R. Pierre (F) is administrator in the education department at the John F. Kennedy Center for the Performing Arts where he directs the Vilar Institute for Arts Management. Prior to his work at the Kennedy Center, Ramien was the Executive Director of the Dance Institute of Washington. He has worked as Assistant Dean of Students at Haverford College and at the George School. Ramien earned his B.A. in political science at Haverford College, an M.A. in teaching, social studies at Brown University, an M.Ed. in mind brain education at Harvard University Graduate School of Education, and a certificate in arts management from the Vilar Institute for Arts Management. He is expecting to receive his Doctorate of Education for Learning & Teaching at Harvard University Graduate School of Education this year.

Gideon G. Rose (S) is the Managing Editor of *Foreign Affairs*. From 1995 to 2000 he was the Olin Senior Fellow and Deputy Director of National Security Studies at the Council on Foreign Relations, during which time he served as Chairman of the council's Roundtable on Terrorism and director of numerous council study groups. Prior to his work at the Council on Foreign Relations, he served as Associate Director for Near East and South Asian Affairs at the National Security Council. He has taught American foreign policy at Columbia and Princeton Universities. Gideon received a B.A. in classics from Yale University and a Ph.D. from the Department of Government at Harvard University. He writes extensively on terrorism and foreign affairs.

Jonathan Z. Simon (F) is an assistant professor at the University of Maryland, College Park, where he splits his time between the Department of Electrical and Computer Engineering and the Department of Biology. Jonathan's research interests are in auditory neural computations and representations, magnetoencephalography and cortical physiology, signal processing in biological systems and computational and theoretical neuroscience. He has been awarded numerous grants from the National Institute of Health to support his work. Jonathan graduated summa cum laude with an A.B. in physics from Princeton University. He also holds an M.A. and Ph.D. in physics from the University of California, Santa Barbara.

Linda Siperstein is a staff doctor at the VCA Wakefield Animal Hospital (Massachusetts). Linda earned her Doctor of Veterinary Medicine (DMV) degree from Tufts University School of Veterinary Medicine and completed an internship in small animal medicine and surgery at the Angell Memorial Animal Hospital in Boston. Linda received her B.S. from Northwestern University, after which she became a public radio producer.

Brian Soucek (F) is currently studying at the Yale University School of Law to augment his research into the personification of art. Prior to his Yale studies, Brian was an assistant professor in the Humanities Collegiate Division at the University of Chicago. Much of his work centers on the personification of art: the way that notions such as autonomy, agency, authenticity, or expression are invoked analogously in discussions both of persons and of artworks. Brian also writes on the philosophy of music, particularly opera. He graduated summa cum laude with a B.A. in philosophy and economics from Boston College. Brian was a member of Phi Beta Kappa and was awarded the college's highest honor, the Finnegan Award. Brian earned an M.Phil and a Ph.D. in philosophy from Columbia University. He is the recipient of a National Endowment for the Humanities grant, and was a Jacob Javits and Andrew Mellon Fellow.

James C. Spohrer (F) is the Director of Almaden Services Research at IBM's Almaden Research Center in San Jose, CA. IBM Global Services is a business of over 170,000 professionals world-wide, accounting for almost half of IBM's yearly revenues. Jim received a B.S. in physics from the Massachusetts Institute of Technology and a Ph.D. in computer science from Yale University. He has lived in Rome, Italy where he was a visiting scholar at the University of Rome La Sapienza, and lecturer at major universities across Europe. Jim has published broadly in the areas of speech recognition, empirical studies of programmers, artificial intelligence, and authoring tools, to name a few.

Glenn Stark is a professor of physics at Wellesley College, where he has taught for 19 years. Glenn holds a Ph.D. in physics from the University of California at Berkeley and a B.S. in physics from the Massachusetts Institute of Technology. Prior to his work at Wellesley, Glenn was a post-doctoral fellow at the Harvard-Smithsonian Center for Astrophysics. His research is in the field of experimental molecular spectroscopy. His laboratory programs emphasize molecular transitions which are of interest to astrophysics, planetary atmospheres, and aeronomy communities.

George T. Whitesides (S) is the Executive Director of the National Space Society. NSS is dedicated to the promotion of human spaceflight and exploration, as well as to space education and development. Whitesides co-founded the global astronomy education program *Permission to Dream (PTD)* in 2002. PTD has donated over 60 telescopes to disadvantaged students and has local presence in 16 countries. A Fulbright scholar, George received his graduate degree in remote sensing and geographical information systems from Cambridge University, and his undergraduate degree in public and international affairs from Princeton University. He is a licensed private pilot and certified parabolic flight coach.

applying to explo

application notes + community standards

Admission to Exploration is contingent upon space availability, as well as age considerations. Students may enroll for one or two sessions. Space in residence halls and courses will be reserved upon the receipt of a completed application and deposit. Because enrollment for most courses is limited to 16 students, we recommend that you submit your completed application with course selections as soon as possible to increase your chances of receiving your top choices.

Admissions Considerations

Many different types of students have had successful summers at the Intermediate Program. In assessing whether the Program is suitable for their child, parents need to understand the Intermediate Program might not be a good match for some students. The Intermediate Program includes a mix of both structured and unstructured time. Students need to be able to both commit and adhere to intensive schedules and clearly-defined boundaries. In addition, students are afforded appropriate levels of independence, and we expect our students to handle the choices and responsibilities they are given with an appropriate level of maturity. If parents have any questions as to whether the Intermediate Program is the right place for their child, we ask that they please call our office before sending in an application.

Students will only be allowed to register at the Program in the summer if we have all application materials, including a completed school evaluation and completed medical forms. (Medical forms will be sent to you once your student has enrolled.)

Program Attendance

Before you enroll your student, please make sure he or she will be able to attend the entire session.

The Intermediate Program has an overall curricular plan that includes courses, activities, workshops, and trips, as well as residential and day student life. Since each session of the Program is only three weeks long, it is not appropriate for a student to miss several days of a session or a part of each day of the Program, whether at the beginning, middle, or end of the session. If family vacations or other obligations will cause a student to miss several days or more, the student will not be allowed to register. Please review our refund policy on the Payment Information card.

Notes for International Students

Last year Exploration welcomed students from over 30 countries to participate in the Intermediate Program. International students must be able to converse easily in English and be active in courses conducted in English. It is important that students have a proficient knowledge of English in order to participate in the Program.

International Students are encouraged to use the online application available at www.explo.org.

All payments, including deposits, tuition, and cash advances must be made in US funds. In order to attend the Program, international students need to acquire a B-2 visa for a short visit. (The B-2 visa is normally obtained at the United States Embassy in each individual country.) International students are required to carry American accident and health coverage, which may be purchased through Exploration. Please contact our office if you have any questions or if you do not have an International Application.

Student Life Structure

You will be part of several small supported communities within the Exploration Intermediate Program. You will be assigned a Residential or a Day Advisor and will be a member of a living or day group with whom you will have daily check-ins and engage in both planned and spontaneous activities. You will also be in courses that typically have a maximum of sixteen students, ensuring an intimate environment for your classes in which you and your classmates can deeply engage in course material with your instructors. With a student-to-staff ratio of approximately 6:1, the staff is available to answer your questions and help you make the most of Explo.

Our student life staff is supported by our Dean's Office. The Dean's Office helps ensure the health and safety of the Explo community and is the primary liaison with parents, our on-site nursing staff, and campus police.

Challenge by Choice

In addition to daily recreational options during activity periods, we occasionally provide opportunities for further exploration through panel and group discussions, as well as guest speakers. Topics are always presented in an age-appropriate manner and may include the death penalty, sexual orientation, international human rights abuses, domestic violence, freedom of speech, and racism. Because we respect the interests and diverse views of students and their families, participation in these activities is strictly voluntary and additional activity options are also offered during these times.

Community Standards

Exploration prides itself on creating an atmosphere that nurtures the diverse interests, needs, and backgrounds of our student and staff populations. Students attending Exploration have a unique opportunity to investigate a variety of new skills, talents, and interests within an environment structured for personal choice and growth. As with many personal freedoms, the liberty granted to students at Exploration carries with it limits and responsibilities. We expect students to uphold our community standards and to refrain from any behavior that jeopardizes the well-being of themselves or others at the Program.

In order to maintain a safe environment for everyone, the Intermediate Program has expectations and rules for student conduct. These are more fully expressed in the Student Handbook, which will be available in the spring. The following list is not meant to be exhaustive, but instead gives some examples of our standards and expectations. A student who violates a Major Rule, or whose conduct, in the sole discretion of Exploration School, Inc., warrants his or her leaving the Program, will be subject to immediate dismissal, with no refund of tuition or traveling expenses. Remaining in the presence of an open violation of a Major Rule may constitute a Major Rule violation; that is, if you are in the presence of another student who is breaking a Major Rule, it is treated as if you are breaking the rule yourself.

Some examples of conduct which are in violation of the Major Rules include:

- Use, possession, or distribution of drugs, alcohol, cigarettes or tobacco, including misuse of prescription or over-the-counter medication.
- Use, possession, or distribution of weapons, violence or threat of violence, hazing and harassment, misuse of computers and electronic communications, and bullying.
- Use, possession, or distribution of stolen property, as well as vandalism, damage, or the willful destruction of property.
- Violating policies regarding the physical boundaries of the Program, including staying inside prescribed areas on the Wellesley college campus, staying inside prescribed areas in the town of Wellesley during scheduled visits, staying within the dormitories after evening check-in, and staying inside the boundaries established on trips.
- Violating the policies governing single-gender spaces.
- Use of any flame indoors, including matches, candles, or incense.
- Failure to conduct oneself with honesty and integrity, and failure to respect the well-being and rights of others.

In addition to the above, there are other rules and guidelines governing student conduct at the Program. You will receive a Student Handbook in the spring and you are responsible for reading it, knowing its contents, and following all Program rules and guidelines described in the Student Handbook. You are also responsible for following the rules and guidelines set by our staff during the course of the Program. Any questions or concerns about our community standards or rules should be brought to the Dean of Students or Head of Program.

Exploration not only forms a relationship with the student who attends the Program, but also with his or her parents or guardians. For the Program to work in a positive and safe way for our students, parents/guardians must be able to support our policies and procedures. Exploration School, Inc. reserves the right to dismiss a currently enrolled student if the student's parents/guardians are not cooperative and/or compliant with Exploration policies and procedures. In addition, Exploration reserves the right in subsequent summers to deny enrollment for similar reasons.

arrival + departure

residential student arrival + departure

By Plane

Students flying into Logan International Airport in Boston are met at the baggage claim by Exploration staff members (in bright orange T-shirts) and transported by one of our buses to the Wellesley College campus on arrival day. Students should arrive in Boston between 12:00noon and 5:00pm on arrival day. We recommend students arrive as early as possible within these times, since we will attempt to bring them to the campus with ample time to settle in before the evening's orientation meeting.

Departure day air travel reservations should be scheduled between 7:00am and 2:00pm. Once you enroll, you will receive a transportation form which must be completed and returned to Exploration to allow us to arrange for your arrival and departure.

Please speak with our Admission's Office if booking a flight within our given time frames is not possible.

By Train

Train pick-ups are made only at the Route 128 station on arrival day. Students should not travel into Boston stations. In order to arrange for pick-up, we must receive, in writing, the train number, point of origin, and arrival time for each student. Students should plan to arrive between 12:00noon and 5:00pm on arrival day. Departure day reservations should be made between 8:00am and 1:00pm.

By Car

Registration opens at 1:00pm. Students should arrive between 1:00pm and 4:00pm. On departure day, students should be picked up between 9:00am and 12:00noon.

From the West: Take the Massachusetts Turnpike to Exit 14 (Weston). Take Interstate 95/Route 128 South for half a mile to Exit 21B (Route 16 West). Follow 16 West for 3.0 miles to a stoplight (5-way intersection) in the town of Wellesley; go straight through the light on Route 135 West. At the third traffic light, turn left into the main entrance to Wellesley College. Follow signs for Exploration luggage drop-off and parking.

From Boston and the East: Take the Massachusetts Turnpike to Exit 16 (West Newton). Follow Route 16 West for 4.7 miles, using the directions above.

From the North or South: Take Interstate 95/Route 128 to Exit 21B (Route 16 West). Follow Route 16 West for 3.0 miles, using the directions above.

Local Accommodations for Visiting Families

Marriott in Newton: 617.969.1000
Sheraton Tara in Newton: 617.969.3010

day student arrival + departure

Bus Transportation

Most day students travel to Wellesley College on one of our nine school bus routes, which operate Monday-Friday. Our buses service many towns within 15-20 miles of Wellesley College. A complete bus schedule is mailed to each day student family with the enrollment confirmation. Families choose the stop most convenient to their home or workplace from any of the bus routes, keeping in mind that students are dropped off in the afternoon at the same place they are picked up in the morning. Cost is \$165 per session. To receive a copy of the schedule before you sign up, call our Norwood office at 781.762.7400.

Car

Students may be dropped off and picked up by a parent or guardian.

Bicycle + On Foot

Bicycle racks are provided. Please bring a heavy-duty lock and helmet. Students are not permitted to bike home after dark. Parents/guardians will need to provide written permission for any student who walks or cycles to the Program. Students are required to wear a helmet when riding their bicycles, and are not permitted to bike home after dark.

OUR TRAVEL PARTNERS:

In order to help families make travel arrangements for their children, Exploration has partnered with **Colpitts World Travel**. We looked for a top-notch company that could simplify the process of summer travel and provide good value. If you are looking to have your child fly to the Program, by booking through Colpitts you can quickly determine how many other Exploration students are already on a flight and whether the flight arrives during our regular airport pick-up hours. If it does not, Colpitts can book travel between the airport and campus through another Exploration transportation partner, **BostonCoach**. Colpitts negotiates discounts with the major airlines and therefore, their pricing is very competitive.

We did quite a bit of research to make sure both companies could service our families worldwide, and because we are dealing with students under the age of 18, it was imperative that we find partners who would meet our high standards. Colpitts, a leader in the travel industry, will be able to assist families with unaccompanied minor paperwork as well.

Families are not required to use the services of either company, but if you would like to, call Colpitts at 781.326.7800 and mention you are calling for an Exploration Summer Program student.

Families interested in just livery service can reach BostonCoach directly at 800.672.7676, but please contact Exploration first for account information.

frequently asked questions

How and when can I call my parents and friends back home?

You have access to telephones in the dormitories during set times. The phones are available during Period 5 and after main events. Prepaid phone cards can be purchased in our Main Office and staff are available to help activate your cards. Intermediate Program students are NOT allowed to have cellular phones at the Program. You will have access to our computer rooms if you wish to keep in touch with family members and friends via email. While we welcome you to keep in touch with those close to you, we also know that you will be highly engaged in our Program from sunrise to sunset each and every day!

Please Note: Students are not permitted to make calls until the first Friday of each session. Students arriving unaccompanied will be given the opportunity to call a parent or guardian to confirm their arrival. This policy is to encourage students to become fully engaged in the Program from its beginning.

Should I come to the first or second session, and is there a difference?

Your family's summer schedule might actually determine which session you are able to attend. Each session begins with a burst of fresh energy and ends with a flurry of activity and an emotional farewell. Attending the first session does not mean you will "miss something" by not attending the second session. Arriving for the second session is not like arriving in the middle of something, either, because so many new students arrive with you. Approximately 10% of our students stay for both sessions. Some trips and activities are repeated both sessions (and even from week to week), but one thing is for sure: there are so many choices that there is no way a student could exhaust all of his or her opportunities during three or even six weeks at the Program. With new energy, new students, and new ideas, each session has its own unique flavor.

What's the difference between being a residential student and being a day student?

Aside from the obvious difference of living at the Program (residential) and going home each day at 4:30pm (day), all students can take full advantage of Exploration's many opportunities. While residential students would naturally eat dinner in one of our dining halls and attend a main event each evening, day students have the option to do the same as long as you let your day advisor (and parents!) know that day. The same goes for sleeping over in our dorms: day students can stay overnight up to three nights each week because we reserve some of our dormitory rooms specifically for that purpose. Residential and day students participate together in all of our courses, workshops, activities, and trips. (Note: there are extra day student charges associated with staying any time after 4:30pm. See the question on Miscellaneous Accounts.)

Can I request a roommate?

Although most students arrive at Exploration without knowing anyone, if you would like to request a roommate, we will try to honor your request provided both students request each other. We encourage friends attending the Program to consider not rooming with one another so that they can get to know new people. It is possible to assign students to the same living group, though not as roommates, as long as both students request this. You will receive a Housing Information Form later in the spring after you have enrolled and may request one person as a roommate or to be assigned to your living group. All of our rooms are doubles.

Why do the courses you offer change from year to year?

While we try to offer a similar spectrum of courses each year, the specific courses we offer change from year to year. Each summer and fall, we review our courses by talking with instructors and reading student feedback on each course. Our Curriculum Department and year-round staff revise courses and propose new courses based on new ideas, student interest, and staff suggestions. We have found that our instructors have a zeal for the courses they teach because they work with our Curriculum Advisors to develop the courses themselves.

What is the purpose of the Miscellaneous Account?

Each student is required to have a Miscellaneous Account (see the Payment Information card), which is used to cover the costs of weekend trips, extra charges for day students staying late or overnight, among other incurred costs while at the Program. The Miscellaneous Account teaches students to budget their money and expenses. For instance, if a student chooses to go to several expensive theater performances, s/he does so with the understanding that s/he will have less money to spend on other trips. Parents can supplement the Miscellaneous Account any time during the Program and will be contacted by our staff if the account is low. Leftover funds in the Miscellaneous Account will be refunded in the fall.

Are there medical facilities on campus?

Experienced nurses are available on campus 24 hours a day. Our Nurses' Office is centrally located and has regular hours to treat ill students and to aid in the administration of student medications. We are able to regularly schedule appointments with medical doctors and nurse practitioners at local medical practices. Newton-Wellesley Hospital and other hospitals are nearby for emergencies, appointments, and consulting physicians, as well.

executive director

Moira Kelly



Moira Kelly was appointed Executive Director and President of Exploration in 2007. During the summer, she is a familiar face at all three Exploration programs. Since 1985, Moira has held numerous positions at Explo, and in 1994 became the founding Head of the Junior Program. At Northfield Mount Hermon School, Moira served as a dean, a senior member of the admissions department, and house director. She worked in residential life at Simmons College, taught in the Maine public schools, and worked at the Bowdoin College Upward Bound Program. Moira is an honors graduate of Bowdoin College, earned her J.D. at Boston University School of Law, and earned first class honors in law at the National University of Ireland, Galway. In addition, she was a Rotary Foundation Fellow at the University of Nottingham, England, and was a Thomas J. Watson Foundation Fellow. Moira is a long-time chair of an alumni interviewing committee for Bowdoin College admissions, and serves on the Board of Directors for the Association of Independent Schools of New England. In 2008, Moira served as an Associate Producer for the Commission on Presidential Debates, the non-partisan entity responsible for producing the general election presidential and vice presidential debates. She was also a member of the Commission's production teams in 2000 and 2004.

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FOUNDERS

Ann and Arnie Singal
founded Exploration
in 1976. Ann holds
a B.A. and an M.Ed.
from Boston University
and was a teacher in
the Massachusetts

Public Schools. Arnie holds a B.A.
from Harvard College, a Master's
Degree from the Massachusetts
Institute of Technology, and a J.D.
from Yale University. He was an
administrator at M.I.T. and a
freshman advisor.

www.explo.org