

If you're a BU Alum who would like to continue to hear about GWISE events and maybe share some sage advice, add your information [here](#) so we can keep you updated!



GWISE September Newsletter

August 31, 2012

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Member Spotlight:

Elsa Abreu
(Lisbon, Portugal)



Department / Program:

Physics, 5th year Ph.D. candidate

Research:

Ultrafast dynamics of complex materials (Averitt lab)

You might also know her as:

The head of Women in Physics (WIP) and the former leader of the Portuguese American Postgraduate Society (Boston Chapter)

Elsa spends her days playing with lasers in the basement of Photonics, but she loves to get out and about to explore Boston's culinary scene, get some exercise, and spend time with friends and family. She's a physics hotshot who's giving back to the community both as head of Women in Physics (WIP) and an active member of the Portuguese American Postgraduate Society. If you see Elsa around campus, be sure to ask her about her very first paper, "THz spectroscopy of

Hey GWISE!

Fall has arrived! Welcome back to a fresh new start, a new semester, and a new academic year! GWISE is excited to bring you some great social and professional development events to start the fall off right.

We start off, as we do each year, by introducing the new graduate students to GWISE and its members. This year, that will be followed by the kick-off of our new Accountability Group program, which will allow you to form peer-mentor groups that can help you stay on track. Later in September, you'll learn how to put together a successful fellowship application and how to avoid a networking faux pas. We invite you to check out our ongoing Book Clubs, including a Professional Development Book Club, which will be starting up in October.

Stay tuned for more upcoming events on the [GWISE calendar](#). If you can't wait til the next one, you should join our team of volunteers to help out with events! Email gwise@bu.edu if you'd like to become a volunteer!

Looking forward to seeing you at the next event!

GWISE Event: Surviving Grad School: Welcome Panel for 1st-year Grad Students



Date: Thursday, Sept. 6th

Time: 5:30 - 6:30 pm

Location: Life Science and Engineering Building, Room B01
(located at 24 Cummington St.)

[RSVP HERE](#)

We will have seasoned BU grad students there to answer all your questions about classes, lab rotations, picking an advisor, how to achieve work-life balance, and more!

Afterwards, there will be a reception from 6:30- 8:00 pm upstairs in room 103 ... please stay to enjoy yummy food and meet new friends!

GWISE Event: Semester Kick-off

Date: Thursday, Sept. 6th

Time: 6:30 - 8:00pm

Location: Life Science and Engineering Building, Room 103 (LSEB, 24 Cummington St.)

[RSVP HERE](#)

You're invited! It's that time of year again ... let's ring in the new academic year and enjoy food with friends!

GWISE Accountability Groups Applications and Kick-off Event

Trying to write a paper? Thinking about applying for a fellowship? Stressing out about qualifying exams? Join an accountability group to help keep you on track! GWISE will be starting goal oriented mentoring groups based on year, interests and career goals. Applications are due by Sept. 14th, and groups will begin with a kickoff event on Thursday, Sept. 27th at 6:30pm in the Photonic West End Lounge. Fill out an application [HERE!](#) More details are provided below.

Application Deadline: Sept. 14th

Kick-Off Event: Sept. 27th, 6:30pm, PHO West Lounge

[Apply Here](#)

VO2 epitaxial films: controlling the anisotropic properties through strain engineering", which was published in August. Way to go, Elsa!

Let's hear it for our first spotlighted member, Elsa Abreu! To see her full profile, check out bu.edu/gwise. Each month, GWISE will profile one of our members in the newsletter and on our website (please send nominations to gwise@bu.edu).

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Boston Community

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[WEST](#)
[BU's GSO](#)

Career Resources

[AAAS: Careers](#)
[Propel Careers](#)
[The Prodigal Academic](#)
[Career Rocketeer](#)

Newsstand

[Meet the 6 Amazing Women Behind the Mars Curiosity Mission](#)

Learn a little about the six women who worked on the NASA team that sent the Mar Curiosity rover to Mars

[10 Tips to Succeed in Your PhD](#)

Learn from the pitfalls and setbacks of others to save yourself months (if not years!) of frustration and dissatisfaction as you begin your scientific career

[Five Keys to Networking Etiquette for Your Career](#)

Everyone knows that networking is important for career development, but what guidelines should you follow to make sure you aren't seen as an uncouth networker?

[How Stereotypes Drive Women to Quit Science](#)

Accountability groups are peer mentoring groups of 3-4 people that are focused on working together to encourage each other to accomplish specific goals (such as passing qualifying exams, writing your first paper, giving a presentation at a conference, etc.). Your group will help hold you accountable for accomplishing your goals, and will help you by giving feedback on your progress and advice for what to do next. GWISE will match groups, provide professional development materials and opportunities, and check in with the groups periodically to ensure that you're happy with how things are going. We will host an accountability group kick off event in the first week of September, and a final celebration at the end of the year.

By signing up for an accountability group, you are agreeing to:

- Attend the kick-off event during the last week of September
- Keep discussions of your group confidential
- Meet with your group regularly (an average of once a month)

You are expected to commit to your group for the entire 2012-2013 academic year. We have limited spots in the program, so please register only if you strongly wish to join a group and work together to accomplish your goals!

Email Liz at eperuski@bu.edu if you have any questions.

GWISE Event: Find and Win a Fellowship



Date and Time: Tuesday, Sept. 18th, 6-7pm

Location: LSE B01

[RSVP HERE!](#)

Looking for funding? Join us on Tuesday, Sept. 18th at 6pm in LSE B01! GWISE is bringing together previous winners of major fellowships, along with professors who have experience reviewing fellowship applications.

Together, they will give you their tips on how to put together a competitive application. We'll cover what types of fellowships are available, how to decide which ones you should apply for, and how to maximize your chances of actually winning one!

GWISE Event: Networking Etiquette: The Do's and the Dont's



Date & Time: Thursday, September 20, 4:00-5:00pm

Location: Life Science and Engineering Building LSEB 103
24 Cummington Mall, Boston MA

[RSVP HERE](#)

We know what networking IS. And we KNOW we are doing it correctly, RIGHT?

Well, maybe.... OR maybe not! Please join GWISE for a networking etiquette tutorial from Propel Career's CEO and networking guru, Lauren Celano. Celano will review the most common mistakes people make when networking and she will provide some handy tips for making a good first impression while networking online through social media sites like

Two psychologists from the Universities of Arizona and British Columbia, used an innovative approach to study gender gaps in STEM fields. As they explain in this NPR story, they discovered that a psychological phenomenon known as stereotype threat (in which an awareness of a stereotype leads you to conform with it) played a role in the reported gender differences.

[What is Science \(According to Google\)](#)

The 'Science: it's a girl thing' controversy gave us a very clear image of what science is not. But it raises the question, what do non-scientists think science actually is?

[10 Best Practice Guidelines for Reporting Science and Health Stories](#)

The Science Media Center proposes some guidelines for reporters in an effort to help them report science in an accurate and balanced way

[7 Women-led Start-ups to watch](#)

Women are underrepresented at the top of the health field, including in entrepreneurship. According to health startup accelerator Rock Health, the lion's share of VC funding goes to startups founded or led by men. But several new women-led startups are emerging. Take a look.

[The Unsung Heroine of DNA Remembered](#)

Crick and Watson will forever be remembered as discovering the structure of DNA. But what of Cambridge-educated Rosalind Franklin, whose work was so vital for their findings? EMMA HIGGINBOTHAM meets Jenifer Glynn, who has written a book about one of the 20th century's most famous female scientists – her sister.

[How Intel Attracts More Women into Engineering Roles](#)

Intel, the technology giant, says it encourages flexible working to help attract and retain top women into jobs.

LinkedIn.

Have you been networking wrong all along? Come to this event to find out! And pick up some helpful networking skills that could very well launch you into your next interview! As always, this event is open to ALL who are interested. Bring your friends, labmates, postdocs, and advisor! Everyone is welcome to attend!

GWISE Event: October Book Club – Rosalind Franklin: The Dark Lady of DNA by Brenda Maddox

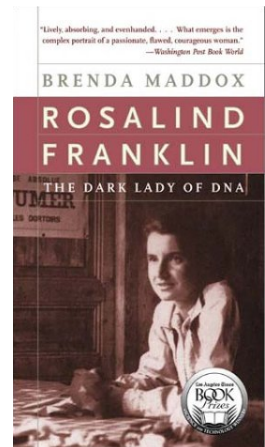
Date & Time: Wednesday, October 10, 12 pm

Location: Alumni Board Room, SMG 7th Floor

[RSVP HERE](#)

Her photographs of DNA were called "among the most beautiful X-ray photographs of any substance ever taken," but physical chemist Rosalind Franklin never received due credit for the crucial role these played in the discovery of DNA's structure. In this sympathetic biography, Brenda Maddox argues that sexism, egotism and anti-Semitism conspired to marginalize a brilliant and uncompromising young scientist. Maddox revisits Franklin's scientific contributions while revealing her complicated personality; she shows a woman of fiery intellect and fierce independence whom some saw as haughty, though to family and close friends she was warm and devoted. By the end, the reader is bristling that Franklin should be mostly forgotten, but this biography provides some recompense.

Join GWISE as we read this fascinating biography of a pioneering woman in science. GWISE has several copies of the book on order, and interested readers can contact Rachel at rcs204@bu.edu to borrow one.



GWISE Event: September Professional Development Book Club - Influence: Science and Practice, by Robert B. Cialdini

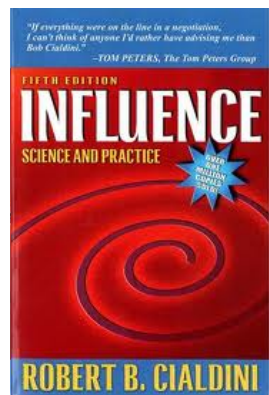
Date & Time: Friday, October 12th, 12:00pm

Location: MCS 148 (111 Cummington Street)

[RSVP HERE](#)

To start off the Fall Semester, GWISE Professional Development Book Club will be reading Influence: Science and Practice by Robert B. Cialdini.

Influence: Science and Practice is an examination of the psychology of compliance (i.e. uncovering which factors cause a person to say "yes" to another's request) and is written in a narrative style combined with scholarly research. Cialdini combines evidence from experimental work with the techniques and strategies he gathered while working as a salesperson, fundraiser, advertiser, and other positions, inside organizations that commonly use compliance tactics to get us to say "yes." Widely used in graduate and undergraduate psychology and



[Rise of Women Transforms the Defense Industry](#)

The defense industry's image as a bastion of white male executives is melting away fast as a rising generation of high-performing females reaches for the gold ring

[Danica MacKellar's 5 Tips to Conquer math Phobia for Your Kids' Sake](#)

She gained fame as Winnie Cooper on "The Wonder Years," and now actress Danica MacKellar is a mom and serious mathematician with four books and a published theorem to her name (the Chayes-McKellar-Winn Theorem). She's on a mission to demystify math, especially for girls. Here are her tips for ensuring your children grow up to love math, not fear it.

Contact Us

[Email gwise@bu.edu](mailto:gwise@bu.edu)

BU Alumni

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management classes, as well as sold to people operating successfully in the business world, the eagerly awaited revision of Influence reminds the reader of the power of persuasion. Cialdini organizes compliance techniques into six categories based on psychological principles that direct human behavior: reciprocity, consistency, social proof, liking, authority, and scarcity.

This book should be required reading for anyone on the threshold of developing a career. Join the professional development GWISE book club series as we read and discuss this informative and thought-provoking book. GWISE has several copies; please contact Danna at dgurari@cs.bu.edu to borrow one.

GWISE Evening Fitness Group @ FitRec



Days & Locations: September 4th - December 11th

Tuesdays 6:30-7:30pm, FitRec L132

Thursdays 7:00-8:00pm, FitRec 220

Come join the free awesome GWISE workout group! The workouts include: cardio-kickboxing, core, stability ball and more.

If you'd like to be in the group and get updates about the schedule, please add yourself to the gwise-fitness google group: <http://groups.google.com/group/gwise-fitness>

Contact Lauren at lmangano@bu.edu if you have any questions.

MIT Energy Initiative: C3E Women in Clean Energy Symposium Seeking Presenters

The MIT Energy Initiative, working with the DOE, is organizing the [C3E Women in Energy Symposium](#) on September 28th at MIT. They are hosting a small clean energy poster session (8 presenters) during that Symposium, and are looking for graduate-level women to present their research in clean energy.

Any women graduate student working in clean energy can apply by just emailing the club (via buenergy@bu.edu) with an abstract of their research.

We are only allowed to nominate 1 or 2 students. My officers and I will decide on Sept 5th the nominee and you will then have two days (until midnight September 7th) to complete the application that will be sent to you.

About the Symposium: The C3E Initiative was designed to help increase the number of women engaged in clean energy disciplines. Symposium sessions will be organized around key areas for clean energy: technology/innovation; the developing world; US energy policy; entrepreneurship; corporate implementation; and education/mentorship. The Symposium will recognize achievements of several outstanding U.S. women who are making a difference in their communities and around the world. There will be less than 200 attendees at the event and the agenda is available here: <http://web.mit.edu/mitei/c3e/symposium.html>.

BENEFITS

Poster presenters will:

1. Have the opportunity to attend all Symposium events (this event is invitation-only;

invitations are at a premium).

2. Meet and discuss their work with outstanding women working in a variety of clean energy disciplines.

3. Compete for "best poster" during the event, which will be voted on by attendees and the winner announced at the evening reception.

REQUIREMENTS

There is a very limited number of positions for poster presenters, which will be selected based on the following criteria:

1. The presentation topic must be in clean energy

2. The work should be well-underway, with (at least) preliminary findings

3. The group of presenters should demonstrate a diversity in topic, discipline, and institution

4. Applicants should be graduate-level students, currently enrolled in a degree program

Medical Campus Monthly Career Seminar: Building a Resume and Cover Letter for industry

Date and Time: Tuesday, September 11 4:00 – 5:00 pm

Location: L-203

Registration: Email Yolanta@bu.edu

Does your resume need a makeover or are you wondering how to turn an academic CV into an industry-focused resume? Are you looking for advice on writing a cover letter and what companies look for in these? Lauren Celano, Career Advisor will cover resume and cover letter tips and advice so that all of your skills are highlighted for potential employers to see.

Medical Campus: Career Development Office Hours

Looking for assistance as you go through your job search? If so, take advantage of GMS career development resources and support. Lauren Celano, career consultant will help you with resume and cover letter review, interviewing skills and mock interviews, negotiating a job offer, identifying career goals, networking tips, and more.

To schedule an appointment with Lauren, send an email to lauren@propelcareers.com

Lauren Celano's Advising Hours:

On Site: Second and Fourth Friday of each month from 3:30 – 5:30 P.M. Room L-315

Off Site: First and Third Saturday of each month from 10:00 A.M. - Noon

Medical Campus: National Postdoc Appreciation Week

The Boston University School of Medicine, Division of Graduate Medical Sciences Office of Postdoctoral Affairs cordially invites BUMC postdocs, their PI's and Administrative staff who support postdocs to attend the National Postdoc week celebration activities (Sept 17-21) which include Ice cream Social on Tuesday and movie, Losing control on Thursday.

Ice Cream Social

Date and Time: Tuesday, September 18, 1:00-3:30 pm

Location: Talbot Green

Movie Screening and Panel Discussion: Losing Control

Date and Time: Thursday, September 20 5:30-8:00pm

Location: Talbot Green

[RSVP HERE](#)

These two exciting events were created to celebrate the contributions and achievements of the BUMC postdocs and provide the opportunity to have fun and to meet other members of the community

Computing Resource: Scientific Computing and Visualization Fall 2012 Tutorial Series

[Scientific Computing and Visualization Fall 2012 Tutorial Series](#)

September 10, 2012 – October 4, 2012

The Scientific Computing and Visualization (SCV) group, part of Boston University Information Services & Technology, will offer a series of tutorials on programming, high performance computing, and scientific visualization. These tutorials are free and open to all members of the Boston University community.

In addition to covering concepts, techniques, and tools which researchers may use in their own computing environments, these tutorials are designed to help you make effective use of the Boston University [Scientific Computing Facility](#) and its related [scientific visualization](#) resources. Faculty may contact us about custom tutorials for classes or research groups.

Medical Campus: Love Your Body Movement Class

Days and Locations: October 3rd-December 21st

Wednesday and/or Fridays 12:00-1:00 pm

Hiebert Lounge

BU School of Medicine

14th floor, 72 East Concord St.

This is a poll to see if there are enough interested to participate in this fitness program.

Please email yolanta@bu.edu if you will participate

This will be a therapeutic exercise to increase strength and flexibility while addressing the issues of tightness, stiffness, and imbalances using movement, mind body connection, and some tools such as yoga blocks and straps (which you would have to purchase yourselves at a cost of about \$20) Class is free for you. Bring your own mat.

Please let us know if you would like to attend the 12 week fall/winter session beginning October 3rd. Thanks for your support and feedback

Medical Campus: Yoga Class

Times and Locations: 5:00-6:00 pm

Hiebert Lounge

BU School of Medicine

14th floor, 72 East Concord St.

Dates: Sept 5, 10, 25, Oct 2, 9, 15, 22, 29, Nov 5, 19, 26, Dec 3, 10 17

A chance to learn about the beneficial effects of yoga on your mental and physical health.

Sessions will include breathing exercises that reduce stress and poses that are adaptable to all skill levels. The class will conclude with a discussion about how these principles can be applied to everyday stressful situations. No previous yoga experience necessary. Taught by an MD/PhD student who is a certified yoga teacher with more than 200 hours of training and who has an interest in how yoga can be used to prevent disease and heal illness. Please bring a mat if you own one.

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