

Professional Skills for Careers in Biosciences (PSCB) Certificate Program Syllabus

Purpose:

The PSCB course is intended for graduate students and postdocs to broaden their experience in critical areas such as leadership, communication, budgeting, crisis management, and more. We plan to cover a different topic over each of the 12 lunch workshops, concluding with a capstone project. Each session will meet from 12:00 – 1:30 PM.

Course Completion Requirements:

Participants must attend 9 out of 12 sessions (75%) and the MANDATORY capstone event to obtain a certificate of completion. Makeup work can be done for one session at most. No homework will be required.

All classes will meet in person, except if explicitly stated. If the class is held virtually, please use the Zoom criteria below:

Zoom Link: <https://illinois.zoom.us/j/96501223724?pwd=RXJldmlKbkx6TnBQNitQQTliNytCUT09>

Meeting ID: 965 0122 3724

Password: 517639

Fall 2022 Schedule:

Date	Session	Guest Speaker(s)	Location
Thursday, 9/29/22	Week 1: Career Panel	Career Panel: <ul style="list-style-type: none"> • Kelli Trei, <i>Biosciences Librarian</i> • Steven Burgess, <i>Assistant Professor (UIUC)</i> • Vicki VanBlaricum, <i>Chief, Human Capital Office (CERL)</i> • Bradley Long, <i>Illumina Applications Scientist</i> • Indu Rupassara, <i>FruitVaccine Co-Founder and CEO</i> 	IGB 612
Thursday, 10/6/22	Week 2: Writing a Compelling Resume and CV	<p style="text-align: center;">Mike Firmand</p> <p style="text-align: center;">Associate Director for Career and Professional Development UIUC Graduate College</p>	IGB 612
Thursday, 10/20/22	Week 3: Communicating Science Through Journalism and Multimedia	<p style="text-align: center;">Chelsey B. Coombs</p> <p style="text-align: center;">A voice actor, journalist, and social media strategist https://chelseybcoombs.com/</p>	IGB 612
Thursday, 11/3/22	Week 4: Government Relations for Research, Healthcare, and Education	<p style="text-align: center;">Eve Granatosky, Ph.D. & Naomi Webber, Ph.D.</p> <p style="text-align: center;">Principals at Lewis-Burke Associates LLC</p>	Zoom

Thursday, 11/17/22	Week 5: Design Principles for Scientists	Mirhee Lee Sr. Graphic Design Specialist, Carl R. Woese Institute for Genomic Biology	Zoom
Thursday, 12/1/22	Week 6: Entrepreneurship	Joe Bradley Clinical Assistant Professor in the Department of Bioengineering, a Teaching Assistant Professor in the Department of Biomedical and Translation Sciences, and a Clinical Assistant Professor of Business Administration at Gies College of Business	IGB 612

Spring 2023 Schedule:

Thursday, 1/26/23	Week 7: Interviewing and Networking	Patricia Simpson Director, Academic Advising & Career Services UIUC School of Chemical Sciences	IGB 612
Thursday, 2/9/23	Week 8: Funding	Michelle Elekonich, Ph.D. Deputy Division Director Division of Integrative Organismal Systems National Science Foundation	Zoom
Thursday, 2/23/23	Week 9: Invention Disclosures and Patenting	Lisan Smith, Ph.D. Teaching Assistant Professor Medical Education Facilitator UIUC Department of Biomedical and Translational Sciences	IGB 612
Thursday, 3/9/23	Week 10: Career Spotlight	Stephani Otte, Ph.D. Science Officer, Imaging Program Chan Zuckerberg Initiative	IGB 612
Thursday, 3/23/22	Week 11: Distinguished Voices in Science	Dr. Corinne Simonti Associate Editor, Genomics Science <i>Distinguished Voices in Science lecture at the Carl R. Woese Institute for Genomic Biology</i>	IGB 612
Thursday, 4/6/23	Week 12: Mastering the Art of Negotiations	Elizabeth Luckman Clinical Assistant Professor of Business Administration and Disruption and Innovation Scholar at the Gies College of Business	IGB 612

Saturday, 4/15/23	Mandatory Capstone Event	Story Collider Workshop 9 AM – 4 PM	I Hotel Conference Center
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For any program questions, please email Erin Louer (emckern2@illinois.edu) or Dan Urban (djurban2@illinois.edu)

*****Please note that the final Capstone training will take place from 9 AM to 4 PM on Saturday, 4/15/23.*****

About The Story Collider:

The Story Collider's mission is to reveal the vibrant role that science plays in all of our lives through the art of personal storytelling. They are dedicated to telling true, personal stories about science to empower scientists and nonscientists alike. They share these through live shows and podcasts to explore the human side of science and broaden the perspective and understanding of the research and researchers doing the work. We found Story Collider's mission aligned with our endeavors in connecting science and scientists with society, and their network and audience will boost our reach.

The Story Collider's weekly podcast, which started in October 2010, has generated over nine million downloads and has worked with various partners to produce one-off shows and podcasts. Past and current partnerships include public radio's Studio 360 with Kurt Andersen, St. Louis Public Radio, Springer Nature, Scientific American, the Chan Zuckerberg Initiative's Rare as One Project, the American Association for the Advancement of Science, Fermilab, and universities such as Yale, Cambridge, and many more.

We are excited to offer their training to you all as part of this course.