HMS/HSDM Office for Postdoctoral Fellows Core Training Modules

We strive to offer timely and practical programming that adds value to the postdoc experience while evolving with the ever-changing training landscape. Our strategy has been to build a curriculum that enhances our postdoc’s research skills, career development, and social and personal skills while addressing specific issues of early, mid, and late career trainees. Throughout the year, fellows can participate in a curriculum of workshops, panel discussions, seminars, and networking opportunities designed to advance lab management skills, grantsmanship, communication, academic and industry career exploration, as well as wellness and cultural considerations.

**EARLY POSTDOC**

**Postdoc Essentials**
- New Postdoc Orientation & Resource Symposium
- The Individual Development Plan
- Making the Most of Your Postdoc
- Bioinformatics Boot Camp
- Personal Development & Wellness

**Research Rigor & Reproducibility**
- Selection Bias | Experimental Design
- Ethical Statistical Analysis
- Irreproducibility in Publication
- Research Data Management

**Manuscript & Scientific Writing**
- Prep Strategies for Writing
- Manuscript Boot Camp
- Writing for Publication Course
- Cultural Aspects of Writing
- Professional Correspondence for Scientists

**Responsible Conduct of Research**
- Conflict of Interest | Research Integrity
- Mentorship | Research Data Management
- Authorship | Peer Review | Resilience & Inclusion
- Collaborative Research | Scientific Citizenship

**MID POSTDOC**

**Communicating Science**
- Scientific Presentations and Chalk Talks
- Scientific Storytelling | Distilling Your Message
- Visualizing Data | Publishing Process

**Grantsmanship**
- Finding Funding & Managing the Process
- Grant Writing & Specific Aims
- Peer Review Process/Mock Study Section

**Teaching & Pedagogy**
- Elements of Teaching in STEM
- Scientists Teaching Science
- Summer Teaching Institute
- Statements of Teaching & Diversity

**LATE POSTDOC**

**The International Lab**
- Thriving in the Multicultural Lab
- Managing the Cultural Transition
- Pronunciation and Communication for ESL
- Green Cards & Work Visas

**Professional Development for Scientists**
- Career Clinics | Postdoc Office Hours
- Leveraging Your PhD for Success
- Taking Control of Your Career

**Building Professional Relationships**
- Intro & Advanced Social Media
- Effective Networking Strategies
- Negotiation Skills & Principles
- Conflict Resolution & Power Differentials
- Social/Emotional Intelligence for Scientists

---

Updated March 2022