



hms | hsdm

## office for postdoctoral fellows

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### 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

##### 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

#### LATE POSTDOC

##### Leadership & Management

- Mentoring & Managing Up
- Leadership & Management Skills for Postdocs
- Business Principles for Scientists
- Managing Teams and Your Lab
- Strategic Planning & Project Management

##### The Academic Job Search

- Careers in Academic Teaching
- Postdoc to PI Process
- Pathways to Professorship for Women
- Preparing the Academic Job Package
- Acing the Academic Interview
- Negotiating the Academic Job Offer

##### The Job Search and Career Transition

- Informational Interviewing
- Crafting Your Application Materials
- Pathways to Entrepreneurship
- Effective Job Search Strategy
- Transition to Industry
- Acing the Industry Interview



**Career Planning**

**Transition to Industry**  
**The Job Search & Career Transition**

**Teaching & Pedagogy**

**Academic Job Search**

**Professional Development**

**Postdoc Essentials**

**Communicating Science**

**Leadership & Management**

**Scientific Writing**

**Grantsmanship**

**The International Lab**

**Professional Development**

**RCR & R<sup>3</sup>**

**Networking**

**Professional Development**

**Research Progress**

**Early**

**Mid**

**Late**