

Office for Science and Innovation (OSI)

SON-Innovation@jhu.edu

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OSI Goal

To facilitate excellence in faculty and student research by offering programs and resources to support the development, submission, conduct, and dissemination of research

Partners

- JHUSON department chairs and Center faculty
- Office of Finance and Administration (SrRSAs)
- Office of Development and Alumni Relations (DAR)
- Johns Hopkins University Research Administration (JHURA)
- Johns Hopkins Institute for Clinical and Translational Research (ICTR)

Faculty & Staff

Cheryl Dennison Himmelfarb, PhD, RN, ANP, FAAN: Associate Dean for Research and Director, Office for Science and Innovation

Jessica Ames, MS: Research Program Manager, Office for Science and Innovation

Nancy Perrin, PhD: Director, Biostatistics and Methods Core, Office for Science and Innovation

Additional Members:

- Chakra Budhathoki, PhD
- Ginger Hanson, PhD, MS

Susan Wiley: Grant Writer, Office for Science and Innovation

OSI Functions

Proposal Development and Submission

Intent to Submit - Required for ALL internal/external grants and contracts

Research and Grant Support

Institutionalize grant support services

- JHURA – Johns Hopkins University Research Administration

Improve support for grant submission

- New Intent to Submit form, detailed proposal timelines, templates, checklists
- Internal Reviews
- Specific Aims Speed Review
- Biosketch Development, Formatting, and Review
- Editorial Consultations
- Graphic Design Resources
- Grant Writing Support
- Finding Funding Roundtables
- Coordination with JHU Data Management Services
- Workshops and Trainings on topics relevant to proposal submissions
- Dissemination of Funding Opportunities

Improve support for clinical research collaborations and proposals

Dorothy Evans Lyne (DEL) Fund- Supports pilot studies conducted by teams of nurses from Johns Hopkins Hospital and Johns Hopkins University School of Nursing. These studies involve patients of the Johns Hopkins Hospital and focus on nursing interventions designed to improve patient care and outcomes, providing evidence to validate clinical practice and/or examine effectiveness of clinical care delivery systems. Applications accepted three times per year: **March 1, July 1, and November 1.**

Biostatistical Support

OSI Biostatistics and Methods Core

- **Dr. Nancy Perrin, Director**: Dr. Perrin's areas of expertise include longitudinal study design and analysis, clustered data, psychometrics, and handling messy data that comes along with doing research in real world settings.
- **Dr. Chakra Budhathoki** has expertise in mixed-effects modeling, clustered and longitudinal data analysis, research synthesis and meta-analysis, and statistical consulting.
- **Dr. Ginger Hanson** has expertise in multi-level regression – nested designs, measurement development – factor analysis, cluster analysis, social network analysis, work and health, and gender-based violence

Two Day Data Analysis Workshop

The goal of this retreat is to assist faculty with analysis-ready data complete analyses and draft a manuscript for submission.

Participants will attend general sessions, be paired with a biostatistician, and have time for drafting the manuscript. The expected outcome for participation in the retreat is submission of a manuscript.

- Who should complete this workshop?

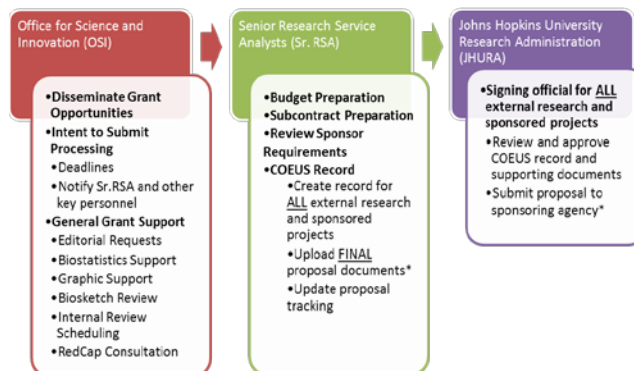
Faculty who have an existing cleaned dataset and a research question/idea for new analyses of that data.

- How many participants are expected?

A limited number of projects will be accepted for review with ideally no more than two participants working with each biostatistician over the course of the workshop.

- What materials should I prepare prior to the retreat?

Each participant submits a brief description of the study via email (son-innovation@jhu.edu) to the Office for Science and Innovation. Projects will then be matched to a biostatistician, and participants will need to give their respective biostatistician access to their data for review. A limited number of projects will be accepted for review and a waitlist will be kept for all interested participants. Please limit project submissions to 1 page.



Institute for Clinical and Translational Research (ICTR) Offers resources, services, and funding opportunities:

Clinical Resources

- Clinical Research Informatics Core
- Protection of Patient Data
- Human Subjects Research Core
- Johns Hopkins Clinical Research Network

Funding Opportunities

- Funding for pilot projects through the Accelerated Translational Incubator Pilot Program

Study Team Training and Resources

- Research Coordinator Training
- IRB Training

Consulting Services

- Ask the Research Navigator
- Research Participant and Community Partnerships Core
- Quantitative Methodologies Core

Collaboration, Mentoring, and Training

- Data Managers Interest Group
- TL, KL, and Building Interdisciplinary Research Careers in Women’s Health (BIRCWH) K12 Award Programs

REDCap (Research Electronic Data Capture)

- [REDCap](#) is a secure web-based application that supports data capture and management for research studies. **REDCap now has a tiered system (bronze, silver, gold) for faculty to choose from, with the most basic (bronze level) of services now being free. ([redcap.jhu.edu](#))**

Specific Aims Speed Review

Monthly one (1) hour speed review for up to four (4) participants to submit single page specific aims. Aims are reviewed by at least two (2) senior research faculty as well as additional peer review with attendees. These sessions are designed to be interactive, collaborative, and impactful.

Manuscript/Proposal Editing

- We have editors that are happy to provide faculty with manuscript and proposal reviews/preparation.

Writing Retreats: Many nursing faculty members and graduate students have expressed an interest developing and strengthening their writing for publication. Led by Dean Patricia Davidson, PhD, MEd, RN, FAAN this retreat assists participants in completing a paper ready for submission to a targeted journal.

Attendance at the Retreat enables participants to:

- Assess their own needs in developing publication skills and seek assistance in developing strength in these areas
- Complete at least one manuscript, ready for submission to a selected journal
- Learn about effective writing for publication techniques
- Receive feedback and be able to incorporate it into your manuscript
- Prepare effective feedback and constructively share it with a peer
- Prepare to receive feedback through the peer review process

Retreat features include:

- Periods of uninterrupted writing time
- Daily feedback from mentors
- Peer feedback over night
- Focus on targeting journals
- Crossover learning with focus on
 - writing skills
 - editing

Trainings and Workshops

- Examples: Budget Justification, RefWorks, De-Identifying Human Subjects Data for Sharing, IRB Q&A, and more
- 2-3 month, dozens annually – we always welcome suggestions for future topics!

Communications

- Weekly email communications regarding funding opportunities, workshops, conferences, and need to know SON news
- Frequent and timely dissemination of federal and non-federal grant opportunities
- Dissemination of services and opportunities available through School of Medicine and School of Public Health

Research Compliance

eDisclose

- All SON faculty members and investigators are required to disclose outside activities and financial interests whether or not they participate in research.
- All disclosures are reported to, monitored, and managed by the OSI in conjunction with the JHU Office of Policy Coordination

Research Policy – Be Aware

- Interaction with Industry
- Financial Conflicts of Interest
- Research Integrity
- Ethical Conduct of Research

Research Compliance

- [Research Policies](#)
- [Research Compliance Training](#)
- The School of Nursing utilizes the **School of Medicine’s IRB** – please direct all inquiries there:
- [IRB Compliance Training Requirements for Human Subjects Research](#)

When to Disclose

- Prior to undertaking an outside commitment
- Prior to submission of an application for PHS-funded research on which you are an investigator
- Within 30 days of acquiring or discovering a financial interest related to your institutional responsibilities
- Whenever a disclosed interest or activity changes (*e.g.*, the amount or type of remuneration, type of service, or time commitment) or ends
- Update/review disclosures at least annually

How to Disclose

All disclosures are submitted electronically via the online disclosure system, JHU [eDisclose](#).