

CORE COMPETENCY WORKSHOP SERIES

Responsible Conduct of Research

The Responsible Conduct of Research Workshop Series prepares participants to integrate research ethics into the design, conduct, oversight and dissemination of research. Workshops will focus on conflicts of interest, procedures to ensure ethical procedures are used with animals and human subjects, and criteria for determining authorship and responsible data management.

Learners can earn a **digital badge** upon completion of all workshops and weekly assignments. Digital badges allow learners to showcase their enhanced knowledge on responsible conduct of research on their digital resumes, e-Portfolios or LinkedIn accounts.

DATES: Tuesdays, March – April 2021

LOCATION: Online via Zoom

REGISTER NOW: <https://forms.gle/qrU5FjN5RC7zJX3ZA>

For more information, contact scholar1@buffalo.edu
or (716) 829-4718.

WORKSHOPS

March 2 – Steven J. Fliesler, PhD
*Responsible Conduct of Research:
An Overview*
6:00 – 8:00 PM

March 9 – Steven J. Fliesler, PhD
Authorship and Reviewer Ethics
6:00 – 8:00 PM

March 16 – Richard J. Karalus, PhD
*The IRB & Ethical Use of Human Subjects
in Research*
6:00 – 8:00 PM

March 23 – Stanley W. Halvorsen, PhD
*The IACUC & Ethical Use of Animals
in Research*
6:00 – 8:00 PM

March 30 – Mulchand S. Patel, PhD
*Conflicts of Interest/Conflicts
of Commitment*
6:00 – 8:00 PM

April 6 – Peter L. Elkin, MD
*Responsible Data Acquisition
& Management*
5:00 – 7:00 PM

EVENT SPONSORS:

UB Clinical and Translational Science Institute
• Workforce Development Core

This program is supported by the National Center for Advancing Translational Sciences of the National Institutes of Health under award number UL1TR001412 to the University at Buffalo. The content is solely the responsibility of the authors and does not necessarily represent the official views of the NIH.

CORE COMPETENCY WORKSHOP SERIES

Health Inequities

The goals of the Health Inequities Workshop Series are to: (1) bridge the cultural and experience gap by providing health practitioners with the knowledge and skills needed to understand health inequities; (2) acquire the intercultural communication skills needed to become more culturally sensitive and empathetic health practitioners; (3) develop a fundamental understanding of the socio-economic causes of health inequities and how structural forces perpetuate them; and (4) imbue health practitioners with the desire and commitment to contribute to transforming the healthcare system to better serve Blacks and people of color.

Each workshop will feature panel discussions, interactive breakout rooms, and question and answer sessions. This series is free of charge and open to all member of the Buffalo Translational Consortium.

DATES: Thursdays, March – April 2021

TIME: 4:00 – 5:30 PM

LOCATION: Online via Zoom

REGISTER NOW: <https://forms.gle/7SH7FgAgrtbmH7ZN8>

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or (716) 829-4718.

WORKSHOPS

March 11 – Introduction to Structural Racism and Health Inequities

- *Lauri A. Andress, PhD, JD*
- *Waverly Duck, PhD*

March 18 – Terminologies and Factors Contributing to Health Inequities

- *Heather Orom, PhD*
- *Pastor Kinzer Pointer*

April 8 – Health Policy and Community Structure

- *Darryl Somayaji, PhD, RN*
- *Heather Orom, PhD*
- *Sharon Hewner, PhD, RN*

April 22 – Communication Strategies to Improve Healthy Practices

- *Kim Griswold, MD, MPH, RN*
- *Linda F. Pessar, MD*
- *Myron Glick, MD*

April 29 – When Theory Meets Reality: The Fight to Eliminate Health Inequities

- *Ira Harkavy, PhD*
- *Michael Lamb, PhD*
- *Timothy F. Murphy, MD*

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CORE COMPETENCY WORKSHOP SERIES

Scientific Communication

The Scientific Communication Workshop Series investigates methods to communicate clinical and translational research findings to different groups of individuals. Workshops will focus on working with institutional communication offices, translating the implications of research findings, effective communication, and commercialization of research findings.

Learners can earn a **digital badge** upon completion of all workshops and weekly assignments. Digital badges allow learners to showcase their enhanced knowledge on scientific communication on their digital resumes, e-Portfolios or LinkedIn accounts.

DATES: Mondays, March – April 2021

TIME: 4:00 – 6:00 PM

LOCATION: Online via Zoom

REGISTER NOW: <https://forms.gle/R194i1oj5eNis6Cm9>

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WORKSHOPS

March 22, 2021

4:00-5:00 PM: Cory Nealon, David Hill & Ellen Goldbaum
Working with Your Institutional Communication Office and the Media

5:00-6:00 PM: Anne B. Curtis, MD

Translating Clinical and Translational Research into Clinical Practice Guidelines

March 29, 2021

4:00-5:00 PM: Diane G. Schwartz, MLS

Overview of Scientific Communication

5:00-6:00 PM: Archana Mishra, MD, MS

Bringing Joy to Your Work Through Improved Scientific Communication

April 5, 2021

4:00-5:00 PM: Jeffrey Lokken

Commercializing Science

5:00-6:00 PM: Michael Fowler, PhD

Technology Transfer: How It Works and How to Make It Work for You

April 12, 2021

4:00-5:00 PM: Bruce R. Troen, MD

Scientific Communication: Making Your Message Count

5:00-6:00 PM: Diane G. Schwartz, MLS

Effective Communication to Diverse Audiences

April 19, 2021

4:00-5:00 PM: Diane G. Schwartz, MLS

TED Talk – Why it is Popular; How to Make it Work for You

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CORE COMPETENCY WORKSHOP SERIES

BERD Clinical Trials Series

The CTSI BERD Clinical Trials Series is designed to turn attendees into more educated consumers of statistics, epidemiology, and research design methodology as applied to clinical trials. Attendees will gain enhanced knowledge on the design and statistical analyses involved in clinical trials.

This series is designed for anyone engaging in clinical trials research, including graduate students, post-docs, fellows, faculty, and research staff. This series is offered free of charge to all SUNY institutions.

DATES: Tuesdays, April – May 2021

TIME: 4:00 – 6:00 PM

LOCATION: Online via Zoom

REGISTER NOW:

<https://forms.gle/wXKmMByJmmZgfKzB6>

For more information, contact scholar1@buffalo.edu or (716) 829-4718.

WORKSHOPS

April 6, 2021

4:00-4:15 PM: Gregory Wilding, PhD

Introduction to BERD Clinical Trials Series

4:15-6:00 PM: Michael LaMonte, PhD, MPH

Clinical Trial Basics

April 13, 2021

4:00-5:30 PM: Virginia Filiaci, PhD

Clinical Trial Outcomes and Analysis Concepts

5:30-6:00 PM: Michael LaMonte, PhD, MPH

Designing Pilot Trials

April 20, 2021

4:00-5:00 PM: Gregory Wilding, PhD

Randomization Techniques

5:00-6:00 PM: Virginia Filiaci, PhD

Data Safety Monitoring Committees

April 27, 2021

4:00-6:00 PM: Gregory Wilding, PhD

Advanced Parallel Group Design

May 4, 2021

4:00-5:00 PM: Suzanne Siminski, MS, MBA

Clinical Trial Data Management

5:00-6:00 PM: Speaker to be Announced

Regulatory Issues in Clinical Trials

EVENT SPONSORS:

UB Clinical and Translational Science Institute

- Biostatistics, Epidemiology and Research Design (BERD) Core
- Workforce Development Core
- CTSI K Scholar Program

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CORE COMPETENCY WORKSHOP SERIES

Biomedical Informatics Workshop Series

The Biomedical Informatics Workshop Series will provide attendees with an enhanced understanding and strengthened skills related to this up-and-coming field with special emphasis on how to apply the principles of informatics using computational techniques to the field of medicine.

Workshops are self-contained modules and are free of charge to everyone in the Buffalo Translational Consortium.

DATES: Thursdays, September – October 2021

TIME: 4:00 – 6:00 p.m.

PLATFORM: Zoom

REGISTER NOW: <https://forms.gle/Ho8UGcLipEw71iNR8>

For more information, contact scholar1@buffalo.edu
or (716) 829-6268.



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WORKSHOPS

September 30

Clinical Decision Support

Diane G. Schwartz, MLS

Research Associate Professor
Dept. of Biomedical Informatics
UB Jacobs School of Medicine and
Biomedical Sciences

October 7

Artificial Intelligence in Healthcare

Peter L. Elkin, MD

Professor and Chair
Dept. of Biomedical Informatics
UB Jacobs School of Medicine and
Biomedical Sciences
CTSI Informatics Core Director

October 14

**Databases and Ontologies for
Biological and Medical Research**

Alexander D. Diehl, PhD

Associate Professor
Dept. of Biomedical Informatics
UB Jacobs School of Medicine and
Biomedical Sciences

October 21

**The Reproducibility Crisis in
Biomedical Research**

Barry Smith, PhD

SUNY Distinguished Professor
Dept. of Philosophy
UB College of Arts and Sciences
Director, National Center for Ontological
Research

October 28

Bioinformatics of Drug Discovery
Ram Samudrala, PhD

Professor and Chief
Division of Biomedical Informatics
Dept. of Biomedical Informatics
UB Jacobs School of Medicine and
Biomedical Sciences

EVENT SPONSORS:

UB Clinical and Translational Science Institute

- Workforce Development Core
- Informatics Core



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CORE COMPETENCY WORKSHOP SERIES

Translational Teamwork Workshop Series

The Translational Teamwork Workshop Series will provide attendees with an enhanced understanding and strengthened skills related to enhancing teamwork and the importance of collaboration.

Workshops are self-contained modules and are free of charge to everyone in the Buffalo Translational Consortium. Those eligible will receive Continuing Medical Education (CME) credits as well as a CTSI Certificate of Completion for those who attend all workshops.

DATES: Mondays, October – November 2021

TIME: 4:00 – 5:30 p.m.*

*November 1: 4:00 – 6:00 p.m.

PLATFORM: Zoom

REGISTER NOW: <https://docs.google.com/forms>

For more information, contact scholar1@buffalo.edu
or (716) 829-4718.



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WORKSHOPS

October 4

Team Science 101

Katia Noyes, PhD, MPH

Professor and Director
Div. of Health Services Policy and Practice
Dept. of Epidemiology and Environmental
Health
School of Public Health and Health Professions,
UB
Director, CTSI Team Science Core

October 18

Leading a Successful Research Team

Gabriela Popescu, PhD

Professor
Dept. of Biochemistry
Jacobs School of Medicine and Biomedical
Sciences, UB

October 25

**Are Leadership and Teamwork
Mutually Exclusive?**

Katia Noyes, PhD, MPH

Professor and Director
Div. of Health Services Policy and Practice
Dept. of Epidemiology and Environmental
Health
School of Public Health and Health Professions,
UB

November 1

**Finding and Using Your Personal
Strengths to Enhance Your Teamwork**
Patricia Ohtake, PT, PhD

Assistant VP for Interprofessional Education
Associate Professor, Physical Therapy Program
Dept. of Rehabilitation Science, School of Public
Health and Health Professions, UB
Associate Director, CTSI Team Science Core

November 8

**Leadership and Multidisciplinary
Research Teams**

Prasad Balkundi, PhD, MBA

Chair, Associate Professor
Organization and Human Resources
Department, School of Management, UB
Associate Director, CTSI Team Science Core

EVENT SPONSORS:

UB Clinical and Translational Science Institute

- Workforce Development Core
- Team Science Core



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CORE COMPETENCY WORKSHOP SERIES

BERD Research Bootcamp

The CTSI BERD Research Bootcamp mini-series encompasses the following core competencies: research design, statistical approaches, sample size and power, research question and literature critique.

Attendees will gain enhanced knowledge and skills related to formulating well-defined clinical and translational research questions and incorporating of regulatory precepts into the design of future basic and clinical studies and grant awards as well as analyzing data for publication in scientific journals. All sessions will feature faculty from UB's School of Public Health and Health Professions.

DATES: Tuesdays, October – November 2021

TIME: 4:00 – 6:00 PM

PLATFORM: Zoom

REGISTER NOW: <https://forms.gle/vbXWd66NBq7Gws1h7>

For more information, contact scholar1@buffalo.edu or
(716) 829-6268

WORKSHOPS & LEARNING OBJECTIVES

October 12

Study Design and Hypothesis Formulation

Michael LaMonte, PhD, MPH

Research Professor, Dept. of Epidemiology
and Environmental Health

- Review the basic features of the scientific method
- Understand the principle features of a research proposal
- Learn the role of the IRB and grant funding agencies in health sciences
- Tailor proposals to specific designs and funding mechanisms

October 19

Developing a Statistical Analysis Plan

Jeffrey Miecznikowski, PhD

Associate Professor, Dept. of Biostatistics

- Understand basic concepts about randomness and variability in data
- Assessing data with probability models and using statistics to summarize the data
- Understand how to make conclusions from probability models
- Interpret probability model conclusions into data knowledge

October 26

Sample Size and Power

Gregory Wilding, PhD

Professor & Chair, Dept. of Biostatistics

- Basic concepts underlying sample size and power calculations
- Present and justify sample size in manuscripts, protocols and grant applications
- Avoid common statistical pitfalls

November 2

Reading and Critiquing the Scientific Literature

Michael LaMonte, PhD, MPH

Research Professor

- Understand the basic steps in reviewing literature
- Be informed on the available data sources, their potential uses and limitations

EVENT SPONSORS:

UB Clinical and Translational Science Institute

- Biostatistics, Epidemiology and Research Design (BERD) Core
- Workforce Development (WFD) Core
- CTSI K Scholar Program



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Jacobs School of Medicine and Biomedical Sciences
Medical Education and
Educational Research Institute
University at Buffalo

CORE COMPETENCY WORKSHOP SERIES

EFFECTIVE TEACHING for the Culturally Responsive Educator

This series will prepare participants to be reflective and curious educators who incorporate the use of evidence-based teaching strategies. Attendees will develop foundational knowledge of adult learning principles and curriculum design along with tools for promoting critical thinking. Specific approaches for engaging all learners while creating and supporting inclusiveness in small and large group settings will be explored.

Best practices for effective presentations and learner assessment techniques will also be discussed. The workshops will be interactive and participants will have opportunities to apply learning to their own teaching with attention to cultural responsiveness and intersectionality in evolving environments.

NEW! – Learners can earn a **digital badge** upon completion of all workshops and weekly assignments. Digital badges allow learners to showcase their enhanced knowledge on responsible conduct of research on digital resumes, e-Portfolios or LinkedIn accounts.

DATES: Wednesdays, November 2020 – December 2020

TIME: 4:30 – 6:00 PM

PLATFORM: Zoom

REGISTER NOW: <https://forms.gle/yZwGgP1KutRd51xs9>

For more information: Visit [Effective Teaching Webpage](#) or contact scholar1@buffalo.edu or (716) 829-6268

WORKSHOPS

November 4 – Jennifer Meka, PhD

Who Are You? Teaching Perspectives and Reflecting on our Biases

November 11 – Jennifer Meka, PhD

Backward Design and Developing Critical Thinking in Our Learners

November 18 – Jennifer Meka, PhD and Alysia Kwiatkowski, DO, MS

Culturally Responsive Teaching and Facilitating Small Group Discussions

December 2 – Jennifer Meka, PhD and Alysia Kwiatkowski, DO, MS

Engaging Learners through Active Pedagogies

December 9 – Jennifer Meka, PhD

Design for Success: Effective Presentations using Multi-Media Design Principles

December 16 – Jennifer Meka, PhD and Alysia Kwiatkowski, DO, MS

Feedback and Assessment: Fostering Learner Development and Self-Regulated Learning

EVENT SPONSORS:

UB Clinical and Translational Science Institute

- Workforce Development Core
- CTSI K Scholar Program
- Medical Education and Educational Research Institute (MEERI)

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CORE COMPETENCY WORKSHOP SERIES

LEADERSHIP WORKSHOP SERIES

The Leadership Workshop Series will prepare participants to work as leaders of interdisciplinary research teams across fiscal, personnel, regulatory compliance and problem solving requirements. Attendees will learn to foster creativity within their teams and to maintain skills as mentors and mentees.

DATES: Thursdays, October – November 2018

TIME: 5:00 – 7:00 p.m.

LOCATION: North Campus, University at Buffalo

REGISTER NOW: <https://goo.gl/forms/TcgrzdXq4byzat2f2>

For more information, contact scholar1@buffalo.edu
or (716) 829-4718.

WORKSHOPS

October 4

*Leadership and Multidisciplinary
Research Teams*
Prasad Balkundi, PhD
Center for the Arts, Room 144

November 1

Mentor and Mentee: Skills to Succeed
Richard Steinberg, PhD
Talbert Hall, Room 107

November 15

Promoting Innovation and Creativity
Dorothy Siaw-Asamoah, PhD, MBA
Talbert Hall, Room 107

November 29

*Addressing the Process and
Managerial Aspects of a
Multidisciplinary Team*
Paul Tesluk, PhD
Baldy Hall, Room 110

EVENT SPONSORS:

Workforce Development Core - UB Clinical
and Translational Science Institute
Center for Leadership and Organizational
Effectiveness - UB School of Management



SERIES SCHEDULE

Thursday, September 12
**Culturally Responsive
Research with Refugee,
Immigrant & Latino
Communities**

3:00 – 5:00 PM

*Mellen Memorial Auditorium,
Lafayette International High School*

Thursday, October 10
**Explorations in Mental Health:
Research Perspectives**

3:00 – 5:00 PM

*Active Learning Room 1220,
Jacobs School of Medicine and
Biomedical Sciences*

Thursday, November 7
**Culturally Responsive
Research Engaging the
LGBTQ Community**

3:00 – 5:00 PM

*Room –2220AB, Doretz Auditorium,
Jacobs School*

Community-University Collaborations in Research

This **free for all** series of events seeks to enhance dialogue between the university and community to achieve innovative ways to address health disparities in Western New York communities.

Each workshop will consist of a diverse, community-friendly panel designed to engage the audience in discussion about perceived barriers to conducting research with the communities of focus.

Attendees will gain a sense of how community engagement and inclusive research is crucial when it comes to developing new and relevant approaches to treatments and interventions. They will also be more informed of ways to participate in these research opportunities.

Please attend to participate in an engaging discussion led by a panel of community leaders and research experts.

Light refreshments may be served! Walk-ins are welcome.

FORMAT: Panel Discussion

REGISTRATION LINKS:

September 12: <https://cuc-ril.eventbrite.com>

October 10: <https://cuc-mh.eventbrite.com>

November 7: <https://cuc-lgbtq.eventbrite.com>

For more information, Contact scholar1@buffalo.edu or 716-829-6268

EVENT SPONSORS:

Workforce Development Core
 Community Engagement Core
 KL2 Mentored Career Development
 Award

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