

**Substance Abuse and Mental Health Services Administration
Minority Fellowship Program
American Nurses Association**

2006 Intensive Summer Institute
Measurement, Theory, Design, Data Analysis, and
Interpretation
Intercontinental Hotel
Cleveland, Ohio
July 27-30

The 2006 Substance Abuse and Mental Health Services Administration's (SAMHSA) Minority Fellowship Program (MFP) 2006 Intensive Summer Institute (ISI), "Theory, Design, Data Analysis, and Interpretation," will convene on July 27-30 at the Intercontinental Hotel. The focus of this intensive experience is related to the acquisition of competence around the key elements needed to plan and conduct culturally-competent research that is aimed at addressing health disparities among ethnic minority people in the United States and the world community. The ISI will also highlight the use of research as a mechanism for building a career in science, practice, and public policy in a variety of local and global environments.

OBJECTIVES OF THE SUMMER INSTITUTE

At the end of this Summer Institute, the Fellows and Alumni will be able to:

1. Discuss the relationships among scales of measurement, theory, design, and analyses plans when conceptualizing and implementing programs of research.
2. Articulate the association between science, evidence-based practice, and career development for nurses in complex academic and healthcare delivery systems.
3. Present research data in verbal and formal format with accompanying numeric and verbal explanations.
4. Acquire proficiencies in the use of SPSS statistical software.
5. Strengthen the cohort and partner system of collaborative learning.

FACULTY

Joyce Fitzpatrick, PhD, RN, FAAN, Dean Emeritus and Elizabeth Brooks Ford Professor of Nursing, Frances Payne Bolton School of Nursing, Case Western Reserve University, and Editor, Archives of Psychiatric Nursing, Applied Nursing Research, and Nursing Outlook. Dr. Fitzpatrick has more than three decades of experience as a leader in nursing. She is known throughout the world and serves on numerous boards, advisory councils, and national and international committees. She is the former President of the American Academy of Nursing, and she is the editor of three of nursing's most prestigious journals.

Faye A. Gary, EdD, RN, FAAN, is the Medical Mutual of Ohio Professor of Nursing for Vulnerable and At-Risk Persons at Case Western Reserve University. She serves on various national and international boards and committees, including the National Advisory Council of the National Institute of Mental Health, National Institutes of Health. Dr. Gary is a specialist in child and family psychiatric nursing. She has published extensively in the areas of Attention Deficit and Hyperactivity Disorders, violence in intimate relationships, cultural competence, and community mental health. She is known throughout the global community for her work in developing and or strengthening mental health program in research, theory, and practice.

Doris Hill, PhD, RN, Post Doctoral Fellow, School of Medicine, University of MN, Duluth, is actively involved in a Post Doctoral Fellowship in the Department of Family and Community Medicine, School of Medicine, Duluth, MN. Her program of research includes violence in intimate relationships, cultural competence in substance abuse and mental health systems, and community-based programs that address the elimination of health disparities.

Ezra C. Holston, PhD, RN, Assistant Professor, University of CA, Los Angeles, School of Nursing, has focused his professional career on electrophysiological and genetic research that addresses Alzheimer's disease among African American elders. He has completed two post doctoral fellowships at the University of Iowa, an intensive Summer Genetics Institute at the National Institutes of Health, Bethesda, MD, and was a fellow in the Hartford Institute in 2005.

Hossein N. Yarandi, PhD is a Professor of Statistics and Economics at Wayne State University. He has extensive experience in interdisciplinary research and teaching. For more than two decades, he has taught statistics, economics, biostatistics, and program evaluation in the colleges of medicine, nursing, and pharmacy at the University of Florida, Gainesville. His teaching and consultation extends across several continents, and he has worked with lay and professional learners. Dr. Yarandi publishes in a variety of research and clinical journals, and is internationally known for his expertise in managing large and complex data sets.

METHODS

- Lectures
- Small Work Groups

- Cohort Problem Solving
- Partnership Collaboration
- Individual Reflection
- Homework Assignments
- Open Group Discussions
- Power Point Presentations
- Informal Discussion
- Computer-Based Exercises

ISI ESSENTIALS

- Laptop computer
- SPSS Versions 12, 13,14
- Microsoft Word, Version 2002 or above
- SAS, optional
- 2004 ISI Manual
- 2005 ISI Manual

ATTIRE

Comfortable casual clothing and shoes are highly recommended. The workdays will be extensive and intensive. The hotel is air conditioned; it is recommended that participants wear clothing that will provide the necessary warmth to facilitate comfort.

FOOD, REFRESHMENTS, AND BREAKS

Breakfast, lunch, and dinner will be provided by the Institute and are official “working sessions.” Refreshments will be available during all sessions. Fifteen-minute breaks will be scheduled throughout the ISI.

TRANSPORTATION

The staff at the Intercontinental Hotel will provide transportation from the airport to the Hotel. Upon your arrival at the Hopkins International Airport, Cleveland, please retrieve your luggage, remain in the baggage area, and look for a sign that reads, “Welcome MFP Fellows”. The sign will be noticeably displayed by the driver of the van, who will assist you with your luggage and transport you to the Intercontinental Hotel. As a convenience to you, all sessions will occur at the Intercontinental Hotel. On Sunday, July 30, check out time has been arranged for 1:15pm. Please have your luggage out of your rooms by this time, and proceed to the van that will depart for the Hopkins International Hotel at 1:30pm. All Fellows should be on board at this time. Please be reminded that you will be provided ‘Bag Lunches’ for your trip home. They will be packaged in paraphernalia that are easy to carry.

GROUP FACILITATORS/CONVENERS

Typically, the group facilitators/conveners are recent graduates of the MFP and are post-doctoral fellows or faculty members at prestigious universities across the United States. This year, the 2006 ISI is appreciative for the services of Drs. Doris Hill and Ezra C. Holston.

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Thursday, July 27, 2006 2:30-3:30 PM	Greetings and Remarks Overview of the 2006 Intensive Summer Institute Registration and Retrieval of ISI Documents Presentation of New Fellows Acknowledgement of SAMHSA Fellows Dr. Faye A. Gary SAMHSA MFP Executive Consultant
3:30-4:30 PM	Session 1: Enhancing Career Opportunities in Research and Evidence-Based Practice through Post Doctoral Studies in a School of Medicine Dr. Doris Hill SAMHSA Post Doctoral Fellow School of Medicine University of Minnesota, Duluth
5:00-5:15 PM	Break
5:15-6:30 PM <i>(An Interactive Session)</i>	Building a Conceptual Backbone for Research Dr. Ezra C. Holston Assistant Professor University of California at Los Angeles (UCLA) School of Nursing
7:30-9:30 PM	Reception and Dinner, Intercontinental Hotel Reflections on Pathways to Excellence in Substance Abuse and Mental Health Disorders Research, Practice and Public Policy
Friday, July 28, 2006 8:00-10:30 AM <i>(An Interactive Session)</i>	Session 2: Objectives, Research Questions, Research Hypothesis, and Research Design Dr. Hossein Yarandi Professor of Statistics and Economics Wayne State University
10:45-12:00AM	Concepts of Measurement, Reliability and Validity Dr. Hossein Yarandi
12:00- 2:00 <i>(Working Lunch)</i>	Cohorts 1 and 2: Discussion and Problem Solving Each cohort will be given a purpose, a set of secondary data, and a series of questions to answer
2:15 -3:30 PM	Mediating and Moderating Variables in Regression Analysis Dr. Hossein Yarandi
3:45-5:00 PM	Analysis of Frequency, Relative Risk and Odds Ratio Dr. Hossein Yarandi

5:15-7:00 PM	Cohort Presentations of Research with Critique/Discussion Dr. Hossein Yarandi
7:30-9:30 PM	Dinner at the Intercontinental Hotel Reflections on Career Development: Fellows and Faculty Open Question and Answer Session
9:30-10:30 PM	Individual Consultation with Cohort Partners, Facilitators, and Experts Dr. Faye A. Gary Dr. Doris Hill Dr. Ezra C. Holston Dr. Hossein N. Yarandi
Saturday, July 29, 2006 8:00-12:00 AM	Session 3: Building a Successful Career through Science Dr. Joyce Fitzpatrick Professor, School of Nursing Case Western Reserve University
12:00-1:00 <i>(Working Lunch)</i>	Habits of Successful Nurse Researchers and Scholars A Conversation with Dr. Joyce Fitzpatrick
1:15-3:30 PM <i>(An Interactive Session)</i>	Power Analysis and Sample Size Estimation Dr. Hossein N. Yarandi
3:45-5:00 PM	Collecting and Managing Data Dr. Hossein N. Yarandi
5:15-6:30 PM	Cohort Presentations with Critique and Discussion Review and Reinforcement Exercise Dr. Hossein N. Yarandi
7:30-9:30 PM	Dinner and Small Group Discussion among and across Cohorts
9:30-10:30 PM	Individual Consultation and Small Group Discussion
Sunday, July 30, 2006 8:00-9:00 AM	Session 4: Cohorts' Presentations on Measurements, Theory, Design, Data Analysis, and Interpretation Cohort 1
9:00-10:00 AM	Cohort 2
10:15-12:30 <i>(An Interactive Session)</i>	Research Proposal Writing and the Procurement of Funding Dr. Hossein N. Yarandi
12:30-1:15 PM	Closing Ceremony: Awards and Recognition of Excellence Dr. Faye A. Gary and Ms. Janet Jackson
1:30PM	<i>Bag Lunches will be provided and transport will depart for the Hopkins International Airport, Cleveland</i> SAFE JOURNEY HOME