Celebration

The Marian Ross Lectureship: Legacy, Career & Centennial Vision

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The University of Texas Medical Branch
Celebration

Presentation Outline

• Mrs. Ross’s Legacy
• Career Impact
• AOTA Centennial Vision
Importance of Context

The frame, the definition, is a type of context. And context determines meaning. There is no such thing as the view from nowhere. Our point of view biases our observation, consciously and unconsciously. You cannot understand the view without a point of view.

Where is the University Texas Medical Branch?

Galveston, TX
Current Context

University of Texas Medical Branch
Current Context

UTMB is a stand alone Academic Health Sciences Center
Academic Programs

- School of Medicine
- School of Nursing
- School of Health Professions
- Graduate School of Biomedical Sciences

Multiple Centers, 3 Institutes, and 3 WHO Collaborating Centers
Since Receiving PhD

University of Wisconsin-Madison (1982-1990)

State University of New York at Buffalo (1990-1995)
Previous Context

The Contrast in Context

University of Wisconsin-Madison (1982-1990)

State University of New York at Buffalo (1990-1995)
Celebration

The Marian Ross Lectureship
Legacy

The dictionary defines Legacy as a gift or a bequest, that is handed down, endowed or conveyed from one person to another.

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Legacy can be about sharing what you have learned, not just what you have earned. Legacy can be an ongoing activity where you become aware of the desire to live beyond yourself, focused on making a difference in the lives of others and giving back. A complete legacy results in a ripple effect that positively impacts society in ways you could not have imagined.

Public or Professional Legacy

An important part of Mrs. Ross’s Professional Legacy is the UCA Department of Occupational Therapy.

Mrs. Ross with members of the UCA Occupational Therapy Club (1973)
Legacy

Brief History Leading to the Legacy

- Education – B.S. Central State College, Ohio, M.S. Teachers College of Columbia University, Certificate in Occupational Therapy from Columbia University, New York.
- Clinical positions – Head of OT Arkansas State Hospital, Head of OT United Cerebral Palsy (Columbus, OH)
- Faculty member – Department of Occupational Therapy at Ohio State University
Mrs. Ross arrived at UCA in 1970 from the Ohio State University to become Chair of the new Department of Occupational Therapy.

Mrs. Ross was the first African American Department Chair at UCA.

The first class was admitted in 1973 (7 students).

The Occupational Therapy Program was accredited in 1974 and has grown dramatically:

<table>
<thead>
<tr>
<th>Year</th>
<th>Students</th>
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<tbody>
<tr>
<td>1973</td>
<td>7 students</td>
</tr>
<tr>
<td>1986</td>
<td>27 students</td>
</tr>
<tr>
<td>1991</td>
<td>32 students</td>
</tr>
<tr>
<td>1993</td>
<td>48 students</td>
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</table>
• Mrs. Ross retired in 1991 and Dr. Linda Musselman became Chair

• Post-professional Masters Program established in 1994

• The combined BS/MS program was established in 2013

• Dr. Musselman retired and Dr. Jennifer Moore, was appointed (interim) Chair in 2013

• The Occupational Therapy Doctorate was developed and the first class admitted in 2017
Legacy

The UCA Department of Occupational Therapy has graduated more than 1,450 students.

An Amazing Legacy

Class of 2018
Personal Legacy

In addition to her professional and public legacy, Mrs. Ross is responsible for many personal and private legacies.
Personal Legacy

My personal development and professional evolution has been significantly influenced by Mrs. Ross.
When I started my journey at UCA I had no interest in science or any desire or intention to work at a university or conduct research.
A conversation with Mrs. Ross in 1975 changed the direction of my career.

In that conversation, Mrs. Ross started by asking me my plans following graduation. She then asked if I had considered going to graduate school. When I said no, she told me “you should apply to a graduate program”.
Based on Mrs. Ross’s encouragement I enrolled in a masters program and the trajectory of my career changed.


Identifying Vestibular Processing Dysfunction in Learning-Disabled Children

Kenneth Ottenbacher, M.S., OTR, is a Pediatric Occupational Therapist, East Tennessee Children’s Rehabilitation Center, Knoxville, Tennessee.

Review of the Literature

Considerable controversy in the literature continues concerning the nature of a neurobehavioral substrate in learning disabilities (1). Nevertheless, the diagnosis under various rubrics is clinically employed to categorize a group of children of grossly normal intelligence showing one or more behavioral abnormalities. Research to identify a neurobehavioral basis for learning disabilities has progressed rapidly during the past decade. Continued empirical investigation is necessary to further delineate the various aspects of learning disabilities and to identify appropriate therapeutic interventions.
Now, 42 years after our conversation, I have spent my career doing work that has given my life personal meaning and professional satisfaction.

A career of productive joy that I consider my personal Legacy from Marian Q. Ross.
“We envision that occupational therapy is a powerful, widely recognized, science-driven, and evidence-based profession with a globally connected and diverse workforce meeting society's occupational needs.”  

AOTA 2017
To meet the AOTA Centennial Vision occupational therapy must become …

“a science-driven, and evidence-based profession”.

Centennial Vision
Centennial Vision

To become “a science-driven, and evidence-based profession”

We must pass on Mrs. Ross’s legacy
Her instruction to me 42 years ago
-- continue to advance your learning and education
Centennial Vision

Where to Start?

Evidence-Based Rehabilitation: A Guide to Practice
Third Edition

M. Law & J. MacDermid
Slack Inc., Thorofare, NJ, 2013
(Article) Evidence-Based Practice and the Centennial Vision 2017

By Anjali P. Saree, OTD, MA, OTR/L

In January 2006, the American Occupational Therapy Association (AOTA) developed a Centennial Vision 2017 to commemorate the profession and the Association’s 100th anniversary in 2017. The Centennial Vision states: “We envision that occupational therapy is a powerful, widely recognized science-driven, and evidence-based profession with a globally connected and diverse workforce meeting society’s occupational needs” (AOTA, 2007). One of the most important strategic directions that emerged from an analysis of barriers and opportunities included linking education, research, and practice. An imperative to basing decisions in practice, research and education on evidence, along with a need to embrace science-fostered innovation, were included in the Centennial Vision.

Sackett et al. (1996) described evidence-based practice (EBP) as the use of best evidence along with professional judgment, combined with the values and choices of the patient.

Occupational therapy, along with many other disciplines like nursing, social work, and speech-language pathology, have embraced EBP. Preparing current and future occupational therapists to be proficient in finding, appraising, and recommending evaluations and interventions based on the best available evidence is in alignment with the Centennial Vision 2017.

https://www.aota.org/AboutAOTA/Centennial-Vision.aspx
For those who want to be producers of research and contribute to the “science-driven” mission of the Centennial Vision, find the right colleagues and resources.

[Image and text about the MR3 Network]

https://ncmrr.org/
• National Resource Center for High-Impact Clinical Trials in Medical Rehabilitation. (PI: M. Bamman) University of Alabama (Baylor)
  https://react.center/

• Alliance for Regenerative Rehabilitation Research & Training. (PI: M. Boninger) U Pittsburgh (Mayo Clinic, Stanford, UCSF)
  http://www.ar3t.pitt.edu/

• National Center for Simulation in Rehabilitation Research (PI: S. Delp) Stanford University
  http://opensim.stanford.edu/about/
• Center for Translation of Rehabilitation Engineering Advances & Technology  (PI: R. Greenwald)
  Dartmouth College/Simbex (Boston University)

• National Center of Neuromodulation for Rehabilitation. (S. Kautz) Medical University of South Carolina
  [http://academicdepartments.musc.edu/ncnm4r/](http://academicdepartments.musc.edu/ncnm4r/)

• Center for Large Data Research and Data Sharing in Rehabilitation (PI: K. Ottenbacher) University of Texas Medical Branch (Cornell University and U of Michigan-Ann Arbor)
  [https://www.utmb.edu/cldr](https://www.utmb.edu/cldr)
## CLDR Center for Large Data Research & Data Sharing in Rehabilitation

### Activities supported by the CLDR

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<th><strong>Education &amp; Training</strong></th>
<th><strong>Data Directory</strong></th>
<th><strong>Pilot Projects</strong></th>
<th><strong>Visiting Scholars</strong></th>
<th><strong>Data Archiving</strong></th>
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<tbody>
<tr>
<td>Workshops, on-line seminars and training modules to develop skills in large data research</td>
<td>Listing of available datasets including purpose, variables, access and contact information</td>
<td>Collaborative projects with CLDR mentors / investigators using large data relate to rehabilitation &amp; recovery</td>
<td>Collaborate with CLDR mentors using large rehabilitation datasets. Support for up to six months</td>
<td>Support for linking / merging and archiving data from completed rehabilitation studies to promote secondary data analyses</td>
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Visit us at: [http://rehabsciences.utmb.edu/cldr](http://rehabsciences.utmb.edu/cldr)

Supported by the National Institutes of Health – the NICHD/NCMRR, the NINDS, and the NIBIB # P2C-HD065702
Activities

- Web Site  http://rehabsciences.utmb.edu/cldr
- Education & Training
- Data Directory
- Pilot Projects
- Visiting Scholars Program
- Data Archiving & Sharing Program
Category 1: Large Data Pilot Studies

These include traditional pilot studies examining a research question using large data (e.g., survey or administrative dataset) that address an issue related to rehabilitation, recovery, or disability. Funding up to $25,000
Category 2: Data Sharing and Archiving Pilot Studies

Category 2 projects are focused on archiving data from a completed rehabilitation study with support being given to either the PI or a member of their research team.

- Funding up to $10,000
- Applications accepted year-round
Example 2 Pilot Projects

- **Boston Rehabilitative Impairment Study of the Elderly (RISE)**. Jonathan Bean, MD / Rachel Ward, PhD, Harvard School of Medicine / Spaulding Rehabilitation Network

- **ATLAS: Anatomical Tracings of Lesions after Stroke**. Sook-Lei Liew, PhD, OTR, University of Southern California

[ADDEP website link](https://www.icpsr.umich.edu/icpsrweb/content/addep/index.html)
Visiting Scholars Program

Investigators can be supported for periods of up to six months at one of the consortium institutions to work with experienced investigators using large datasets.
Pilot Projects & Visiting Scholars

**Pilot Projects**

- Boston University
- Cedars-Sinai Medical Center
- Colorado State University
- Craig Hospital
- Duke University
- Kessler Foundation Research Center
- McMaster University
- Mount Sinai School of Medicine
- Rehabilitation Institute of Chicago
- Toronto Rehabilitation Institute
- University of Buffalo
- University of California - Davis
- University of Michigan
- University of Pittsburgh
- University of Texas Medical Branch

**Visiting Scholars**

- Bedford VA Medical Center
- BIOM (Bedford, MA)
- Boston University
- Colorado State University
- Duke University
- LSU Health Science Center
- University of Oklahoma
- University of Southern California
- UTHSCSA
- UTMB Health

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**Pilot Projects**

- Boston University
- Duke University
- University of Illinois
- University of Pittsburgh
- University of Washington

**Visiting Scholars**

- Aegis Therapies and Golden Living
- University of Michigan

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**Center for Rehabilitation Research using Large Datasets (CRRLD)**

**Center for Large Data Research and Data Sharing in Rehabilitation (CLDR)**
Center for Large Data Research & Data Sharing (CLDR)

Phone: (409) 747-1637
Email: rehab.info@utmb.edu

http://rehabsciences.utmb.edu/cldr
To Achieve the AOTA Centennial Vision

We must carry on the Legacy of Marian Q. Ross
Celebration

Thank you for the opportunity to honor the Legacy of Marian Q. Ross

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