State of the School
September 28, 2015

Mary E. Kerr, PhD, RN
Dean
May L. Wykle Endowed Professor
2015 marks the 80th anniversary of the school being named for Frances Payne Bolton. Who are we today?

Home to Nursing Innovation and Leadership
Leader in Nursing Science

Realign Research to NIH Priorities
- Symptom Science
- Family/Community Care
- Aging Across the Lifespan
- Self-management of Health and Illness
- Neuroscience
  + New Faculty & Collaborations

Result
- Since 2011, federal research $$$ increased dramatically
#22 NIH Funding Among Schools of Nursing
$1,946,095 (2014)...... $3,142,162 (2015/13th?)

#17 USNWR: Case Western Reserve University
246 programs ranked nationwide; 8th among private universities

Specialties

#8 Adult/Gerontology, Acute Care
#8 Nurse Anesthesia
#13 Midwifery
#14 Adult/Gerontology, Primary Care

4 of 11 programs ranked
# New Federal Grants

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Grant Number</th>
<th>Amount</th>
<th>Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ronald Hickman, PhD</td>
<td>NIH/NINR R01</td>
<td>$2,482,731</td>
<td>“A Clinical Trial of Decision Support for End of Life Care Among Surrogate Decision Makers of the Chronically Critically Ill.”</td>
<td></td>
</tr>
<tr>
<td>Elizabeth Madigan, PhD</td>
<td>NIH/NIGMS R25r</td>
<td>$1,145,410</td>
<td>“Bridges to the Doctorate in Nursing for Northeastern Ohio.”</td>
<td></td>
</tr>
<tr>
<td>Shirley Moore, PhD</td>
<td>NIH/NINR RO1</td>
<td>$1,792,131</td>
<td>“Multiple Chronic Conditions: Interdisciplinary/Nurse Scientist Training”</td>
<td></td>
</tr>
</tbody>
</table>
New Federal Grants

Chao-Pin Hsiao, PhD
NIH/NINR K01r
$272,970
“Mitochondrial Bioenergetic Mechanism of Cancer-Related Fatigue"

Shirley Moore, PhD
NIH/NINR P30
Admin Supplement
$164,249
“Understanding the Neurobiological Mechanisms of Self-Management Science"

Jaclene Zauszniewski, PhD
HRSA-NFLP
$2,936,106
Nurse Faculty Loan Program

Sonya Moore, MSN
HRSA-NAT
$40,721
Nurse Anesthetist Traineeship Program

Nursing Innovation and Leadership
Rebecca Darrah, PhD
Gilead Sciences Research Scholars Program
$130,000
Angiotensin Signaling as a Therapeutic Target for CF Pulmonary Disease.”

Matthew Plow, PhD
National Multiple Sclerosis Society
$287,941
Evaluating the Effects of Physical Activity & Fatigue

Shirley Moore, PhD & Lenette Jones, PhD
NIH/NINR Minority Supplement for P30 Grant
$157,543
“Brain and Hormonal Biomarkers Associated with Self-management Information Behaviors”
Additional External & Internal Funding

Michael Decker
Mary Dolansky
Donna Dowling
Evelyn Duffy
Laura Distelhorst
Carol Musil
Amy Petrinec (3)
Andrew Reimer
Valerie Toly
Allison Webel (2)
Jaclene Zauszniewski
New Faculty

Mary Terhaar, DNSc
Associate Dean for
Academic Affairs

Joachim Voss, PhD, RN, ACRN
Director of the
Sarah Cole Hirsh Institute
New Clinical Faculty

Beverly Capper, MSN, RNC-NIC
Instructor and BSN/MN site coordinator

Katharine Chapman, MSN, CPNP-PC, FNP-BC
Instructor MSN Program

David Kaniecki, MSN, RN, ACNP-C, CCRN
Instructor & co-director of the flight nursing program

Susan Painter, DNP, RN
Instructor MSN Program

Nursing Innovation and Leadership
New Post-Doctoral Fellows

Heather Hardin
Post-doctoral Fellow

Breanna Hetland
Post-doctoral Fellow

Joseph Perazzo
Post-doctoral Fellow
In the Classroom

Nursing Innovation and Leadership
Legacy of Innovation in Nursing Education

- 1st Multi-year Master’s
- 1st Acute Care Nursing subspecialty
- 1st Advanced Practice Flight Nursing Program
- 1st DNP Program
- 1st Undergraduate Perioperative Requirement

Nursing Innovation and Leadership
Curricular Innovation

First Acute Care Ped NP Cohort Graduated

• 7 students dual certified in primary and acute care
• All passed primary PNP certification
• 5 of the 7 already have positions at graduation
Curricular Innovation

Helicopter Simulator

- Nation’s first critical-care transport helicopter simulator for flight nursing
- Features advanced medical equipment
- Includes aerial views & movement that mimics changing altitude & weather
Curricular Innovation

AACN Innovations in Professional Education Award (Academic Health Center) the Quality and Safety Education for Nurses (QSEN) Institute.
Incubator for Nurse Leadership
Some Current Nurse Leaders

Clareen Wiencek, PhD, RN, ACNP, ACHPN
President-elect

Judith Shamian, PhD, RN, FAAN
President

Susan M. Schneider, PhD, RN, FAAN
President-elect
NCLEX BSN/Grad Entry Pass Rate

- Year: 2007 to 2015
- Pass Rate: 0% to 100%
- Graph shows the pass rate for BSN and Graduate Entry over the years.
Our Neighborhood
Cleveland’s Revitalization and CWRU

Uptown
Opened Fall 2013
at Euclid Ave & Mayfield Rd

Veale University Center
Opened Fall 2014
next to Kelvin Smith Library

Maltz Performing Arts Center
Opening Fall 2015
at The Temple – Tifereth Israel

Nursing Innovation and Leadership
How will FPB lead nursing for the next 100 years?
Renew the Legacy
Accreditation Goal

CCNE

- Visits in November
- 5-10 year accreditation
- BSN, MN, MSN, DNP, post-graduate APRN certificate
- Thank you
2014-15 Budget: Operating Results

Total Income/Revenues:
$26,044,000

- Tuition and Fees: 70.2%
- Endowments: 13.3%
- Research and Training Grants: 10.7%
- Gift and Grants*: 2.7%
- Overhead Recovery: 3.1%
2014-15 Budget: Operating Results

**Revenues**

- **Tuition and Fees**: 70.2%
- **Endowments**: 13.3%
- **Research and Training Grants**: 10.7%
- **Gift and Grants***: 2.7%

**Total Income/Revenues**: $26,044,000

**Expenses**

- **Faculty Salaries**: 27.0%
- **University Support**: 24.9%
- **Other Salaries**: 11.7%
- **Student Aid and Salary**: 11.8%
- **Other Expenses**: 12.6%
- **Fringe Benefits**: 12.0%

**Total Expenses**: $26,054,000

$10,000 from Reserve
To the Future

Change Agent
Nursing Innovation and Leadership
Nursing Innovation and Leadership
“It’s not for Cleveland ....It’s for nursing.”

- Frances Payne Bolton
Thank you
Upcoming Events

FACULTY/STAFF RETREAT
January 15

Homecoming
October 8 - 11

Homecoming
October 8 - 11

Pinning Ceremony
December 4

National Midwifery Week
May 13

Cupcake Celebration
October 9

QSEN Conference (San Antonio, TX)
May 25 to 27

FPB Open Houses
November 4; December 2;
February 20; April 6; May 21
Academic Affairs
## Progress to Targets

<table>
<thead>
<tr>
<th>School Year</th>
<th>BSN Students</th>
<th>MN Students</th>
<th>MSN Credit Hours</th>
<th>DNP Credit Hours</th>
<th>PhD Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Budget (n)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>50</td>
<td>1700</td>
<td>690</td>
<td>247</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>60</td>
<td>1530</td>
<td>653</td>
<td>285</td>
<td></td>
</tr>
<tr>
<td>Actual (n)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>369</td>
<td>1759</td>
<td>621</td>
<td>278</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>314</td>
<td>1495</td>
<td>438</td>
<td>295</td>
<td></td>
</tr>
<tr>
<td>Variance (%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>106</td>
<td>104</td>
<td>90</td>
<td>112</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>100</td>
<td><strong>97.7</strong></td>
<td><strong>67.2</strong></td>
<td><strong>104</strong></td>
<td></td>
</tr>
</tbody>
</table>
Ethnicity & Race Over Time (n)

- **Am Indian**
- **Asian**
- **Black**
- **Latino(a)**
- **Multi**
- **Unkn/Undecl**

- **2013**
- **2014**
- **2015**
Under-Represented Minorities by Program 2015 (%)
Under-Represented Minorities by Program (%)
Trends - Higher Ed

- Value
- Safety
- Technology
- Career Ready Graduates
- Able to secure salary to support independence
- Diversity & Inclusivity
Trends - Private Colleges

• TED Talk Teaching
  – On-line presence, resources, & engagement

• Career Ready Graduates

• Able to secure salary to support independence & recover debt

• High Expectations
  – Quality & Value

• Safe Environments

• Technology
Trends - Nursing Education

• COMPETITION
• On-Line Programming & Content
• Distance Education
• Simulation
• Competency-Focused Learning
• Debate over preparation of Nurse Faculty
• 2015 has come and gone
Trends - Health Care

• Demand for leadership, analytics, & quality
• Concerns about readiness of graduates for practice
• Trans-professional collaboration
• Persistent demand for nurses
• Rising demand for APRNs
• Magnet
Response

- Meet the demand for nurses
- Meet the demand for APRNs
- Continue to produce outstanding graduates
- Build IPE
- Prepare grads with clear competencies in
  - Leadership
  - Analytics
  - Quality
Strategy

• Recruitment
• Engagement
• Retention
• Pedagogy
• Technology
• Programing
• **Amplify quality**
• **Amplify value proposition**
Implications

- Evaluation
- Rapid Cycle Performance Improvement
- Inter-professional Education & Collaboration
- Excellence in Teaching
- Evidence Based Teaching
- Focus on Outcomes
- Focus on Data
Challenges

- Accreditation
  - Board of Nursing
  - CCNE
- Space
- Succession Planning
- Bench Strength
- Recruitment

*Operations eats innovation for lunch .... if you let it!*
Education at FPB

1. **Collaborations** will continue to flourish
2. Student feedback & course evaluations will drive **RCPI**
3. Faculty & staff will **thrive**
4. Teaching (like research) will help us move up in the **rankings**

*Teaching will be just as **sexy** as the new building where it will happen*
Development & Alumni Affairs
Annual Fund Progress

2012  2013  2014  2015
Campaign Attainment Toward Goal
School of Nursing
June, 2015

$0
$5
$10
$15
$20
$25
$30
$35
$40
$45
$50

Millions

$29.8M

Actual Attainment
Straight-Line Progression
Campaign Attainment Toward Goal
June, 2015

Millions

$0
$200
$400
$600
$800
$1,000
$1,200
$1,400
$1,600

Actual Attainment
Straight-Line Progression

$1,159.8M
Research
Research at FPB School of Nursing
Summary of Grants Activity – Federal Grants
July 1, 2014 – June 30, 2015

<table>
<thead>
<tr>
<th></th>
<th>#</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Research Grants Submitted*</td>
<td>23</td>
<td>$47,296,369</td>
</tr>
<tr>
<td>Federal Research Grants Received**</td>
<td>3</td>
<td>$4,566,162</td>
</tr>
</tbody>
</table>

*Four pending grants have scored very well for which we expect funding (2 RO1s and 2 supplement grants).

**Funding has been received for an additional 4 grants of which the start date is FY16 (7/1/15). Thus, they are not included in this table under Grants Pending or Grants Received.
Research at FPB School of Nursing
Summary of Grants Activity – Foundation Grants
July 1, 2014 – June 30, 2015

<table>
<thead>
<tr>
<th></th>
<th>#</th>
<th>$</th>
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</thead>
<tbody>
<tr>
<td>Foundation Research Grants Submitted</td>
<td>24</td>
<td>$1,094,766</td>
</tr>
<tr>
<td>Foundation Research Grants Received*</td>
<td>11</td>
<td>$909,751</td>
</tr>
</tbody>
</table>

*Not all submitted have had an opportunity to be funded yet.
Research at FPB School of Nursing
Summary of Grants Activity – Training Grants
July 1, 2014 – June 30, 2015

<table>
<thead>
<tr>
<th></th>
<th>#</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training Grants Submitted</td>
<td>6</td>
<td>$5,145,734</td>
</tr>
<tr>
<td>Training Grants Received*</td>
<td>4</td>
<td>$3,292,800</td>
</tr>
</tbody>
</table>

*Not all submitted have had an opportunity to be funded yet.
Research at FPB School of Nursing
Summary of Grants Activity
July 1, 2014 – June 30, 2015

<table>
<thead>
<tr>
<th></th>
<th>#</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Grants Submitted</td>
<td>53</td>
<td>$53,536,868</td>
</tr>
<tr>
<td>Total Grants Pending</td>
<td>18</td>
<td>$18,484,684</td>
</tr>
<tr>
<td>Total Grants Received*</td>
<td>18</td>
<td>$8,768,713</td>
</tr>
</tbody>
</table>

*Not all submitted have had an opportunity to be funded yet.
## Summary of Faculty Productivity

<table>
<thead>
<tr>
<th>Category</th>
<th>2014</th>
<th>#</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty principle investigators on externally funded research*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tenured &amp; Tenure Track (Assistant to full professor); n = 25</td>
<td>12</td>
<td>48%</td>
<td></td>
</tr>
<tr>
<td>Non-Tenure Track (Assistant to full professor); n = 28</td>
<td>3</td>
<td>11%</td>
<td></td>
</tr>
<tr>
<td>Faculty principal investigators on funded training grants</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tenured &amp; Tenure Track (Assistant to full professor); n = 25</td>
<td>3</td>
<td>12%</td>
<td></td>
</tr>
<tr>
<td>Non-Tenure Track (Assistant to full professor); n = 28</td>
<td>3</td>
<td>11%</td>
<td></td>
</tr>
<tr>
<td>Faculty awards**</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tenured &amp; Tenure Track (Assistant to full professor); n = 25</td>
<td>14 (24 awards)</td>
<td>56%</td>
<td></td>
</tr>
<tr>
<td>Non-Tenure Track (Assistant to full professor); n = 28</td>
<td>9 (13 awards)</td>
<td>32%</td>
<td></td>
</tr>
<tr>
<td>Non-Tenure Track (Instructors); n= 37</td>
<td>7 (11 awards)</td>
<td>19%</td>
<td></td>
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<tr>
<td>Faculty with published manuscripts***</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tenured &amp; Tenure Track (Assistant to full professor); n = 25</td>
<td>19 (123 pubs)</td>
<td>76%</td>
<td></td>
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<tr>
<td>Non-Tenure Track (Assistant to full professor); n = 28</td>
<td>19 (47 pubs)</td>
<td>68%</td>
<td></td>
</tr>
<tr>
<td>Non-Tenure Track (Instructors); n= 37</td>
<td>7 (12 pubs)</td>
<td>19%</td>
<td></td>
</tr>
<tr>
<td>Citations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tenured &amp; Tenure Track (Assistant to full professor); n = 25</td>
<td>23 (848 citations)</td>
<td>92%</td>
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</tr>
<tr>
<td>Non-Tenure Track (Assistant to full professor); n = 28</td>
<td>18 (382 citations)</td>
<td>64%</td>
<td></td>
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<tr>
<td>Non-Tenure Track (Instructors); n= 37</td>
<td>4 (29 citations)</td>
<td>11%</td>
<td></td>
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</table>

*Principal Investigators on externally funded grants
**Includes only recognition awards, not grant or funding awards
***Manuscripts that appeared in print during the 2014 calendar year. The number of publications reflects only those manuscripts in print, not those submitted for consideration or in press. This includes refereed journal articles, book chapters, commentaries, editorials, and electronic publications.
Research & Scholarship at FPB School of Nursing
Highlights of the Past Year

- Continued to build programs of research that include biomarkers (e.g., genetics, imaging)
- Increased our collaborative research with clinical and campus-wide partners
- Initiated targeted grantsmanship education and support for early-stage investigators
- Increased the number of undergraduate students participating on research projects
- Received one of two large Center of Excellence Grants in the US focused on Research on Self-Management of Chronic Illness
- Expanded our research portfolio to include more foundation and industry research
- Improved our “funding rate” on federal grants – of federal grants submitted in 2015, 1 out of 4 were funded (national rate is 1 of 10)
Research at FPB School of Nursing
Future Directions

• Five focus areas of research: Symptom science, Self-management of health and illness, Family/community care, Aging across the lifespan, Neuroscience

• Expand our research portfolio to include more foundation and industry research

• Increase our collaborative research with clinical and campus-wide partners

• Nurture early-stage investigators

• Increase the number of undergraduate students participating on research projects

• Provide more education for faculty and staff regarding research issues

• Formulate a Research Advisory Committee
Faculty Staff Recognition
Innovation Awards Update
ENHANCING SIMULATION THROUGH COLLABORATION

Elizabeth Zimmermann, DNP
Colin Drummond, PhD
Celeste Alfes, DNP

• 2014 INNOVATION AWARD
2015 Innovation Awards
2015 Innovation Award Winners
Kathy O’Linn & Margaret Roudeebush
2015
Innovation Award Winners
Celeste Alfes
2015
Above and Beyond Awards
2015
Above and Beyond Honorable Mentions
Above and Beyond
Honorable Mentions
Staci Garlington & Maureen Kendal
2015
Above and Beyond Award Winner
2015
Above and Beyond Award Winners
Sarah Alexander & Danielle Bunkley
2015
Esprit de Corps Award
2015
Espirit de Corps Award Winner
Kim Cornuelle-Marks
Thank you