



**UND UNIVERSITY OF NORTH DAKOTA**

**House Appropriations Committee**  
Education and Environment Division

**UND School of Medicine and Health Sciences**  
Wednesday, January 11, 2023

Joshua Wynne, M.D., M.B.A., M.P.H.  
Vice President For Health Affairs and Dean

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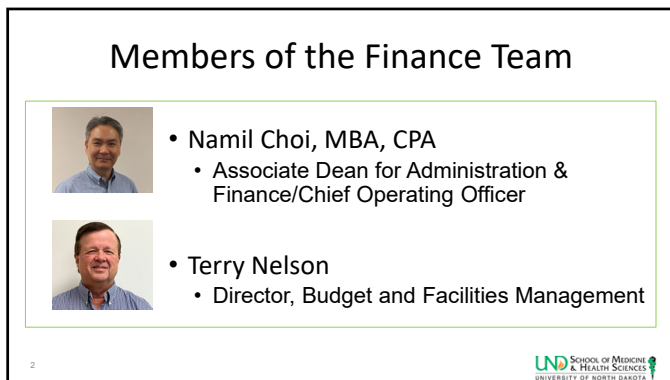
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**Members of the Finance Team**

-  • Namil Choi, MBA, CPA
  - Associate Dean for Administration & Finance/Chief Operating Officer
-  • Terry Nelson
  - Director, Budget and Facilities Management

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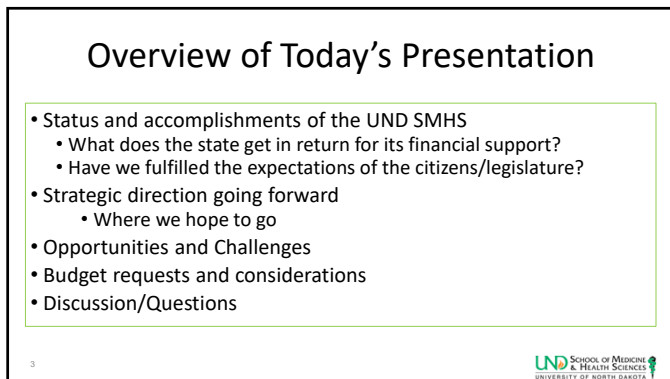
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**Overview of Today's Presentation**

- Status and accomplishments of the UND SMHS
  - What does the state get in return for its financial support?
  - Have we fulfilled the expectations of the citizens/legislature?
- Strategic direction going forward
  - Where we hope to go
- Opportunities and Challenges
- Budget requests and considerations
- Discussion/Questions

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### Additional Material Provided for Background

- Executive Summary of the *Seventh Biennial Report 2023 – Health Issues for the State of North Dakota*
  - Required by North Dakota Century Code
  - Prepared by the UND North Dakota Healthcare Workforce Group and distributed on behalf of the UND SMHS and its Advisory Council
- One-page summary of the activities and accomplishments of the UND SMHS this past year

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### UND SMHS Budget Considerations

- UND SMHS is one of nine schools/colleges comprising UND.
- There are 11 campuses in the North Dakota University system but 12 academic unit line items in the legislative budget, as the UND SMHS traditionally has had a separate line in the budget (although an integral component of UND).
- The UND SMHS budget has two major components:
  - The formula funding component that is based on student credit hour production (similar to all other NDUS institutions)
  - A unique one that supports much (but not all) of the Healthcare Workforce Initiative, especially its residency expansion provision

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### North Dakota's Healthcare Workforce Initiative Started in the 2011-13 Biennium

- Reduce disease burden → focus on population health
  - Masters and Ph.D. public health degree programs (coordinated public health programs at UND and NDSU)
- Retain more healthcare provider graduates for North Dakota
  - RuralMed Program

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### Healthcare Workforce Initiative (HWI)

- Train more healthcare providers
  - Medical student class increased by 16/year (total of 64 additional)
  - Health sciences students increased by 30/year (total of 90 additional)
  - Resident (post-MD training required prior to clinical practice) slots increased
    - Currently there are 35 residency slots supported by the HWI, projected to grow to 48 in FY2026
- Improve the efficiency of the healthcare delivery system
  - Training in interprofessional healthcare teams
  - Developing "virtual care" approaches that bring the clinic to the patient rather than the other way around (especially important in rural areas)



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### What Does the State Get In Return for Its Financial Support?

- **Education** of a spectrum of healthcare students → Positive impact on **healthcare provider workforce in North Dakota** and the region
- **Research** that improves the quality of life for North Dakotans by reducing disease burden
- **Service** to North Dakotans in the healthcare realm, especially in rural regions (Center for Rural Health)
- **Economic impact**, as the UND SMHS generates about \$2 for every \$1 of appropriated funding



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### UND SMHS Outcomes

Metric	Percentile Rank
Percent of graduates practicing in rural areas	98 <sup>th</sup>
Percent of graduates entering family medicine	92 <sup>nd</sup>

Source: Association of American Medical Colleges Missions Management Tool 2022



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### Value of the School to North Dakota

- Providing healthcare professionals
  - 78% of Family Medicine Physicians
  - 50% of Physicians
  - 48% of Physical Therapists
  - 52% of Occupational Therapists
  - 39% of Physician Assistants
  - 47% of Medical Laboratory Scientists



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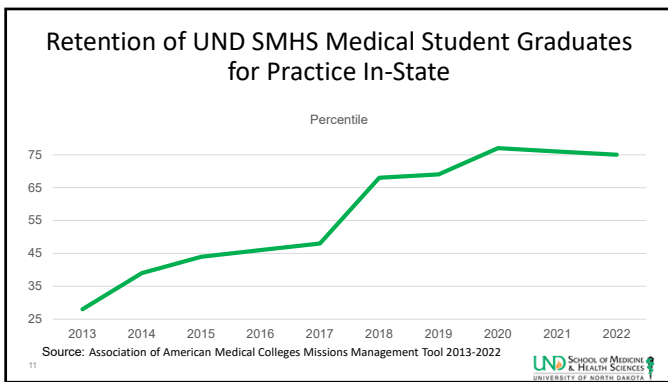
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### Service to the Community



- RuralMed
- Rural Opportunities In Medical Education (ROME)
- Center for Rural Health
  - SCRUBS Academy and camps
- Rural residencies
- SIM-ND
  - Provides simulator training in vans to each quadrant of the state

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### Research Programs

- We focus on studying diseases of relevance to North Dakota
  - Alzheimer's and other neurodegenerative diseases
  - Diseases of aging
  - Cancer
  - Infectious diseases (vector-borne)
  - Opioid addiction
  - Epigenetics



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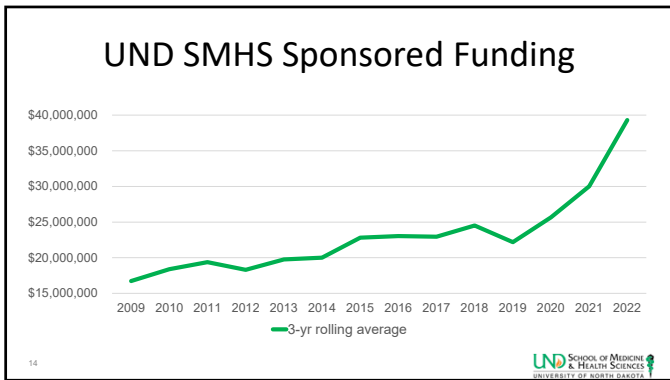
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### Has the UND SMHS Fulfilled the Expectations of the Citizens/Legislature?

The UND SMHS is the only institution within NDUS to have its **purpose** defined in ND Century Code (NDCC 15-52-01):

“The primary purpose of the University of North Dakota School of Medicine and Health Sciences is to educate physicians and other health professionals for subsequent service in North Dakota and to enhance the quality of life of its people. Other purposes include the discovery of knowledge that benefits the people of this state and enhances the quality of their lives.”

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### Where UND SMHS Is Headed

- The “What” will remain unchanged
  - Educate
  - Discover
  - Serve
- The “How” will change dramatically
  - Educate – More hybrid learning (but tough to teach team and procedural approaches virtually)
  - Discover – Big focus on translational (“bench to bedside”) research
  - Serve – Bring medical care to the patient, rather than have the patient come to a medical care facility
- The “Who” will change too
  - More diverse and inclusive healthcare workforce

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### Challenges

- Because of the expansion of our research enterprise, the availability of additional dry and wet lab space is beginning to become an issue
- Growth of undergraduate teaching also is straining available teaching space in the Grand Forks building
- Attracting and retaining talent
- Limited opportunities to expand class size further due to the saturation of clinical sites with our trainees
- Relatively homogeneous patient population
- Student well-being issues specifically related to the pandemic

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### Endorsement of UND/NDUS Budget Requests

- Needs-based budget
- Endorsement of Executive Budget proposal of 6%/4% salary increase and equity salary pool
- Funding for a 15% health insurance premium increase
- Funding for a 7.5% inflationary increase to the student credit hour funding formula to support operations
- Appropriated support for tuition-funded portion of salary and benefit increases

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University of North Dakota School of Medicine and Health Sciences  
68<sup>th</sup> Legislative Assembly House Appropriations Committee Hearing  
January 11, 2023

### Request for Salary Increase for HWI Funding (\$ in Millions)

	2021-23	Request 2023-25	Change
Faculty/Staff	\$3.9	\$4.2	\$0.3
Resident	\$3.9	\$4.2	\$0.3
Operations	\$2.9	\$2.9	\$0.0
<b>Total</b>	<b>\$10.7</b>	<b>\$11.3</b>	<b>\$0.6</b>

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19

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### UND SMHS Budget Request

	General Fund	GF - HWI	Total
<b>Base Funding</b>			
Base budget 2021-23	\$57,446,808	\$10,676,150	\$68,122,958
Base adjustment	1,861,841		1,861,841
Cost to continue salaries	389,953		389,953
General Fund before Executive Proposal	\$9,698,602	10,676,150	20,374,752
<b>Adjustments in Executive Budget</b>			
6%/4% Salary Increase	3,368,540		3,368,540
Health Insurance Increases	862,571		862,571
Equity salary pool	1,942,905		1,942,905
General Fund before UND/NDUS Proposal	65,872,518	10,676,150	76,548,668
<b>Adjustments proposed by UND/NDUS</b>			
Inflationary increase of 7.5%	4,477,395		4,477,395
General Fund before SMHS Proposal	70,350,013	10,676,150	81,026,163
<b>Adjustments proposed by UND SMHS</b>			
6%/4% applied to HWI funding		633,360	633,360
Health Insurance Increases for HWI		162,182	162,182
General Fund Grand Total	\$70,350,013	\$11,471,692	\$81,821,706

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20

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### Capital Request

- Take the initial step to create a Health Professions sub-campus at UND with the addition of an allied health building adjacent to and attached to the current SMHS building
- The additional building would achieve a variety of goals:
  - Achieve greater efficiency of operations and greater productivity because of economies of scale between the UND School of Medicine and Health Sciences and the UND College of Nursing and Professional Disciplines
  - Promote even greater collaborative and interprofessional education of the various health profession students at UND
  - Provide the space to expand the nursing class size to help deal with the state's shortage of nurses
  - Provide needed space for our expanding programs in Indigenous health
  - Provide needed space for the SMHS's laboratories housed in Columbia Hall that is scheduled for closure

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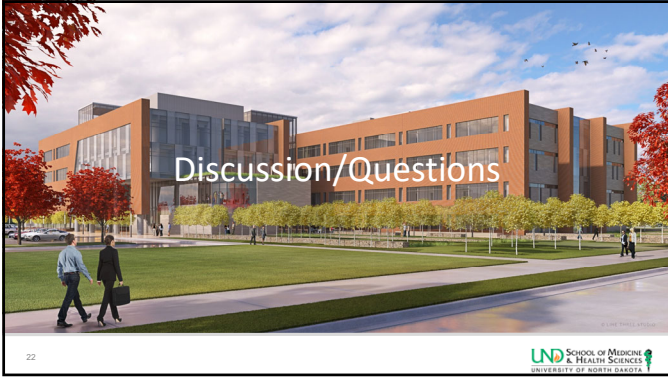
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