

UPDATE • OCTOBER 2018

CHWS News

The **UW Center for Health Workforce Studies** is celebrating its **20th anniversary!** Established in 1998, the UW CHWS informs workforce planning and policy, and advises both local and national policy makers, by researching issues that shape our healthcare workforce, delivery systems, and health outcomes.

The UW CHWS is funded by the National Center for Health Workforce Analysis at the U.S. Health Resources and Services Administration (HRSA) as one of nine Health Workforce Research Centers (HWRCs). Beginning in 2013 it has been funded as the HWRC on allied health. In September 2018, **UW CHWS successfully competed to become one of two new HWRCs to address health equity and health workforce diversity** with a new \$1.8 million four year HRSA grant. As a result, the UW CHWS now hosts two of HRSA's HWRCs.

Director Bianca Frogner's collaborative research using claims data sampling from the WWAMI region was recently highlighted on National Public Radio's All Things Considered. She found that patients who saw a physical therapist as the first line of treatment for low back pain had a 90% lower probability of being prescribed opioids.



In March, Deputy Director **Sue Skillman received the Leah Layne Memorial Leadership Award** by the Washington Rural Health Association (*picture top*). The award honors demonstrated leadership skills that exemplify the spirit, vision, foresight and dedication to rural health of the award's namesake.



Director Frogner, Deputy Director Skillman, (*picture bottom*) along with HRSA's Michelle Washko and Eleni Papadakis of Washington's Workforce Board, looked back on health workforce research and relevance to state and national health policy and its planning, during a **plenary presentation at the 2018 AcademyHealth conference** in June. The UW CHWS' 20th anniversary was highlighted in the presentation.

2018 has been an active year for publications and presentations from the UW CHWS. Examples are highlighted in this report, and more details can be found on the CHWS website: <http://depts.washington.edu/uwchws/>

STUDIES UNDERWAY

The following studies are ongoing at CHWS:

- Supply of and Demand for Therapy Services in Skilled Nursing Facilities.
- Leveraging Data Phase IV: Mapping Movement of Allied Health Professionals.
- Apprenticeships as Pathways to Healthcare Careers: Experiences of Employers Using Medical Assistant Apprenticeships.
- Role of Allied Health Professions in Treating Pain.
- Demographic, Education, and Practice Characteristics of Registered Nurses in Washington State: Results of a 2018 Survey.
- Effects of Increasing Minimum Wage and Expanding Health Insurance Coverage on Job Stability among Long-Term Care Workers.
- Trends in the Supply and Demographics of Oral Health Providers in Rural Communities, 2005-2015.
- State Incentive Programs that Encourage Allied Health Professionals to Provide Care for Underserved Populations.
- Leveraging Data to Monitor the Allied Health Workforce: Phase III.
- The Role of Apprenticeships in Meeting Employers' Demand for Allied Health Occupations.
- Allied Health Professionals and the "Gig Economy": Trends in Alternative Work Arrangements.
- Expanding Role of Medical Assistants.
- Commuting Patterns of Allied Health Workers and Registered Nurses.
- Scope of Practice Alignment of Emergency Medical Services Personnel.
- Phase II of Leveraging Data for Allied Health Occupations.
- Multiracial Microaggressions in the Primary Care Setting.
- The Impact of Medicare's Rural Add-on Payments in Home Health on Access to Care and Home Health Markets.
- Washington's Health Workforce Industry Sentinel Network.

RECENT PUBLICATIONS

Journals

Frogner, BK. Update on the Stock and Supply of Health Services Researchers in the United States. *Health Services Research*. Jun 2018. Special Issue: Global Health Services Research Workforce. doi.org/10.1111/1475-6773.12988.

Frogner BK, Harwood K, Andrilla CHA, Schwartz M, Pines JM. Physical Therapy as the First Point of Care to Treat Low Back Pain: An Instrumental Variables Approach to Estimate Impact on Opioid Prescription, Health Care Utilization, and Costs. *Health Services Research*. May 2018. doi: 10.1111/1475-6773.12984.

Snyder CR, Dahal A, Frogner BK. Occupational mobility among individuals in entry-level healthcare jobs in the United States. *Journal of Advanced Nursing*. Mar 2018. 47(1):58-69.

Snyder DR, Frogner BK, Skillman SM. Facilitating racial and ethnic diversity in the health workforce. *Journal of Allied Health*. Jun 2018. 74:1628-1638.

Reports

Frogner BK, Stubbs BA, Skillman SM. Emerging Roles and Occupations in the Health Workforce. Center for Health Workforce Studies, University of Washington, Aug 2018.

Skillman SM, Stubbs BA, Dahal A. Maine's physician, nurse practitioner, and physician assistant workforce in 2018. Seattle, WA: Center for Health Workforce Studies, University of Washington, Jul 2018.

Stubbs BA, Skillman SM. 2018 Washington State data snapshots: registered nurses (RNs), licensed practical nurses (LPNs), and advanced registered nurse practitioners (ARNPs). Center for Health Workforce Studies, University of Washington, May 2018.

Gattman NE, McCarty RL, Balassa A, Skillman SM. Washington State Behavioral Health Workforce Assessment. Washington Workforce Training and Education Coordinating Board, Dec 2017.

McCarty RL, Skillman SM. Washington State's Behavioral Health Workforce (profiles). Center for Health Workforce Studies, University of Washington, Dec 2017.

Patterson DG, Andrilla CHA, Schwartz MR, Hager LJ, Skillman SM. Assessing the Impact of Washington State's Oral Health Workforce on Patient Access to Care. Seattle, WA: Center for Health Workforce Studies, University of Washington, Nov 2017.

RECENT PRESENTATIONS

Skillman SM. Washington State's Nurse in Long Term Care: Recent Research Findings. Nursing and Long Term Care Workgroup, Tumwater, WA. 07-10-2018.

Skillman SM, Frogner BK, Papadakis E, Washko M. Will Past Trends Help Us Predict the Future of the Health Workforce? Reflection on Twenty Years of Health Workforce Research. AcademyHealth Annual Research Meeting, Seattle, WA. 06-26-2018.

Skillman SM, Dahal AD, Frogner BK, Andrilla H. Medical Assistants' Careers and Factors Affecting Retention. AcademyHealth Annual Research Meeting, Seattle, WA. 06-25-2018.

RECENT PRESENTATIONS *continued*

Stubbs BA, Frogner BK, Skillman SM. Emerging Roles and Occupations in the Health Workforce. AcademyHealth Annual Research Meeting, Seattle, WA. 06-25-2018.

Dahal A, Frogner BK, Skillman SM, Patterson DG. Commuting Patterns of Healthcare Workers. AcademyHealth Annual Research Meeting, Seattle, WA. 06-25-2018.

Jopson AD, Frogner BK, Dahal A. Contingent Workers in Long-Term Care. Poster presented at AcademyHealth Annual Research Meeting, Health Workforce Interest Group, Seattle, WA. 06-23-2018.

Stubbs BA, Frogner BK, Skillman SM. Emerging Roles and Occupations in the Health Workforce. AcademyHealth Annual Research Meeting, Health Workforce Interest Group, Seattle, WA. 06-23-2018

Skillman SM, Dahal AD, Frogner BK, Andrilla H. Medical Assistants' Careers and Factors Affecting Retention. AcademyHealth Annual Research Meeting, Health Workforce Interest Group, Seattle, WA. 06-23-2018.

Dahal A, Frogner BK, Skillman SM, Patterson DG. Commuting Patterns of Healthcare Workers. AcademyHealth Annual Research Meeting, Health Workforce Interest Group, Seattle, WA. 06-23-2018

Frogner BK, Dahal A, Skillman SM, Patterson DG. Commuting Patterns of Healthcare Workers. 7th Conference of the American Society of Health Economists, Atlanta GA. 06-12-2018

Jopson AD, Frogner BK, Dahal A. Contingent Workers in Long-term Care. 7th Conference of the American Society of Health Economists, Atlanta, GA, June 11, 2018

Skillman SM, Aragon S. Washington state's RNs: A tale of two surveys. National Forum of State Nursing Workforce Centers. Rosemont, IL. June 8, 2018.

Stubbs BA, Clark AK. Presenting Data Using Online Interactive Dashboards: The Washington State Health Workforce Sentinel Network Experience. Health Workforce Technical Assistance Center. 05-23-2018.

Skillman SM, Dahal A, Frogner BF. Medical assistants' career pathways. 14th Annual AAMC Health Workforce Research Conference. Tyson, VA. May 11, 2018.

Frogner BK, Stubbs BA, Skillman MS. Emerging Roles and Occupations in the Health Workforce. 14th Annual AAMC Health Workforce Research Conference, Tyson, VA. 05-11-2018

Jopson AD, Frogner BK, Dahal A. Contingent Workers in Long-term Care. 14th Annual AAMC Health Workforce Research Conference, Tyson, VA, May 10, 2018

Skillman SM, McCarty RL, Gattman N, Balassa A. Washington's behavioral health workforce assessment: understanding barriers and finding solutions. 14th Annual AAMC Health Workforce Research Conference. Tyson, VA. May 10, 2018.

Skillman SM. The rural health workforce: Making sense and use of the data available for rural workforce planning. 14th Annual AAMC Health Workforce Research, Pre-Conference. Tyson, VA. May 9, 2018.

Center for Health Workforce Center Investigators and Staff

Director – Bianca Frogner, PhD. **Deputy Director** – Susan Skillman, MS. **Investigators** – Tracy Mroz, PhD, Otr/L, Davis Patterson, PhD, Cyndy Snyder, PhD. **Statistician** – Holly Andrilla, MS. **Research Scientists** – Arati Dahal, PhD, Andrew Jopson, MPH, Gina Keppel, MPH, Benjamin Stubbs, MPH. **Program Support** – Amy Clark, MS, Beverly Marshall, BA, Juan Paredes, BA.