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sanofi

WELCOME!

The information session will begin promptly at 5pm

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School of Pharmacy

W

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University of Washington MS HEOR Fellowships

Information Session

September 21, 2026
5:00 – 6:00 PM PT

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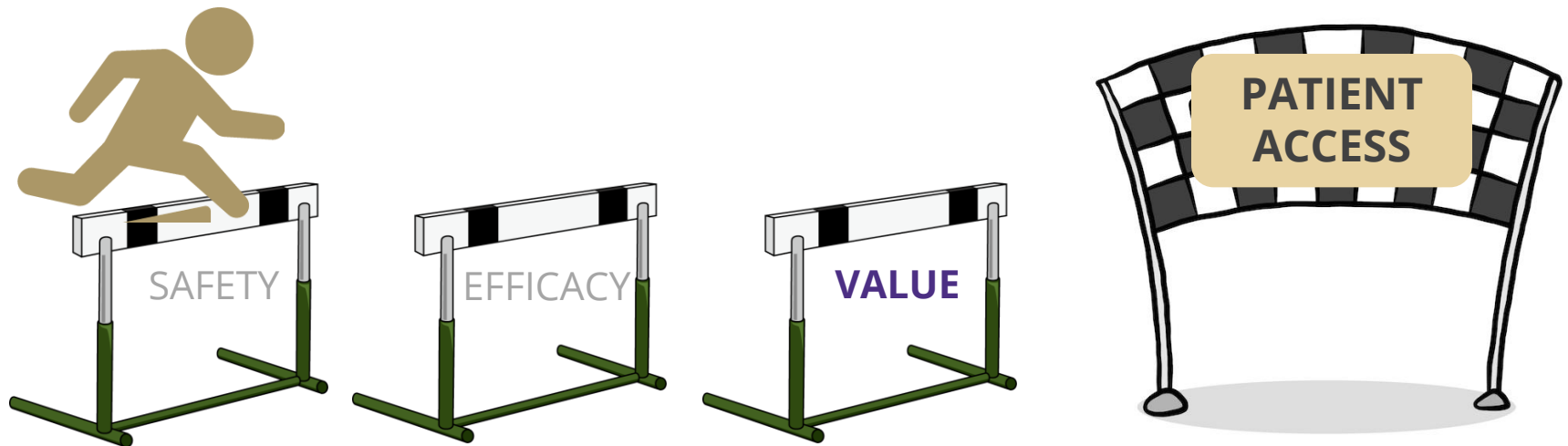
AGENDA

- > Brief overview of HEOR (Health Economics and Outcomes Research)
- > University of Washington (UW) fellowship programs
- > Industry partners
- > Application process
- > Q & A

Note: Please submit questions in the chat box. We look forward to discussing your questions during the Q&A session!



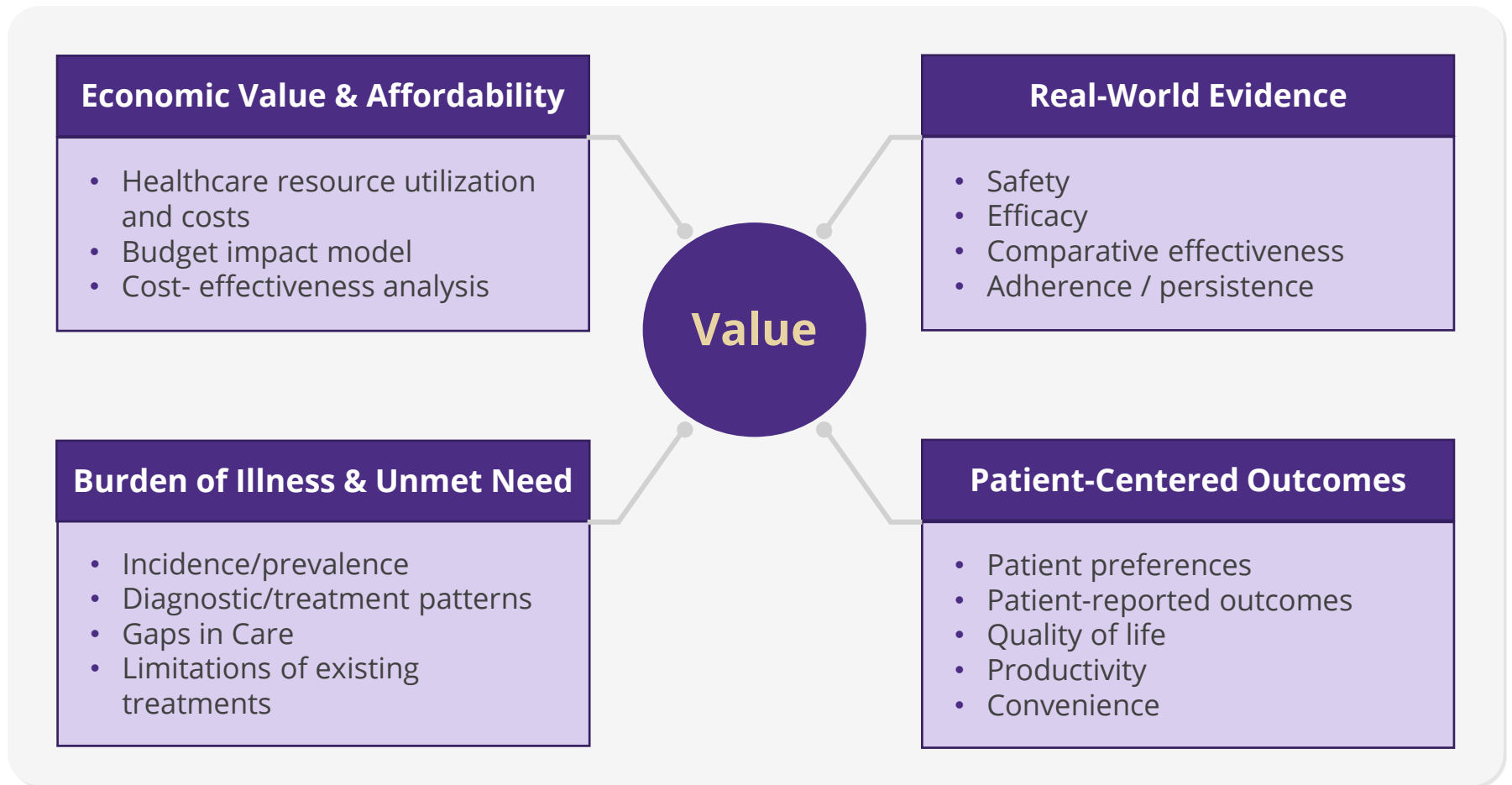
HEOR IN INDUSTRY: DEMONSTRATING VALUE



Regulatory approval is necessary but *insufficient* for patient access



WHAT DRIVES VALUE FOR A TREATMENT?



OVERVIEW OF FELLOWSHIP PROGRAMS

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THE CHOICE INSTITUTE

(COMPARATIVE HEALTH OUTCOMES, POLICY, AND ECONOMICS)

Our Mission

Research

Develop innovative methods and generate actionable evidence about the effectiveness, safety, and value of medical products and services that improve decision making in health care and policy

Training

Provide transformative training in health economics, outcomes research, and policy analysis to meet contemporary health care challenges regionally, nationally, and globally

Service

Be a leading resource on the effectiveness, safety, and value of medical products and services by providing expertise and facilitating collaborations at the regional, national, and global level

CHOICE is housed within the UW School of Pharmacy

FELLOWSHIP PROGRAM FACULTY



Josh Carlson, MPH, PhD
Professor & Graduate
Program Director



**Ryan Hansen,
PharmD, PhD**
Professor & Chair, Pharmacy



**Noémi Kreif, MSc,
MA, PhD**
Assistant Professor



Kyu Lee, MS, PhD
Assistant Professor



**Sean D. Sullivan,
BScPharm, MSc, PhD**
Professor



**David Veenstra,
PharmD, PhD**
Professor

FELLOWSHIP PROGRAM HISTORY

67

Fellows since
2007

>100

Abstracts presented as
posters or podiums

>50

Publications in
peer-reviewed
journals



FELLOWSHIP STRUCTURE

YEAR ONE: UNIVERSITY OF WASHINGTON (MS)

- Gain principles and methods of HEOR through rigorous courses in biostatistics, epidemiology, economic evaluation, and outcomes research
- Complete MS thesis (real-world data analysis)
- Present congress posters and/or publish manuscripts
- MS degree in HEOR awarded upon completion



YEAR TWO: INDUSTRY

- Demonstrate product value utilizing strategically-focused HEOR
- Understand role of HEOR in drug development and commercialization
- Collaborate cross-functionally
 - Medical affairs/communication
 - Market access/brand strategy
 - Regulatory affairs
 - Clinical development
- Manage external vendors

Fellowship Benefits:

Competitive stipend, health insurance, relocation assistance, travel support, and full tuition coverage of the MS degree.



PROGRAM STRUCTURE



Pfizer (Bothell, WA)



UW (Seattle, WA)

Sanofi (Cambridge, MA)



Bayer (Whippany, NJ)



**AbbVie (Madison, NJ)
Option 3**



**Genentech
(South San Francisco, CA)**



**AbbVie (Irvine, CA)
Option 1**



**AbbVie (Lake County, IL)
Option 2**



FELLOWSHIP COMPARISON

	Bayer (est. 2014)	AbbVie (est. 2007)	Genentech (est. 2018)	Pfizer (est. 2019)	Sanofi (est. 2024)
1st Year Location	Seattle, WA				
2nd Year Location	Whippany, NJ	Irvine, CA Madison, NJ Lake County, IL	South San Francisco, CA	Seattle, WA	Cambridge, MA
Program Length	2 years				
Programs Offered	US HEOR	Global HEOR	US HEOR	Global HEOR	Global HEOR
Positions Offered	1	1	1	1	1
Eligibility	Degree in Pharmacy and Experience in HEOR				

UW/SANOFI LEADERSHIP

UW



Sean D. Sullivan,
BScPharm, MSc, PhD
Professor

SANOFI



Ron Preblich,
PharmD, MPH
Head, US HEOR



CURRENT FELLOW



Kendall Derber,
PharmD

1st year

Therapeutic Areas & Projects

Therapeutic Areas

Specialty Care

- Immunology
- Neurology
- Oncology
- Rare diseases
- Rare blood disorders

Projects

- Integrated evidence generation planning
- Real-world evidence
- Indirect treatment comparisons
- Economic modeling
- Evidence synthesis
- PRO development

UW/ABBVIE LEADERSHIP

UW



Kyu Lee, MS, PhD
*Endowed Assistant Professor
of Health Decision Sciences*

ABBVIE



Jae Lee, PharmD, MS
*Associate Director, HEOR
Strategy*

CURRENT FELLOWS



**Sharon Kim,
PharmD**

1st year



**Andrew Cotterill,
PharmD, MS**



**Janice Jang,
PharmD, MS**

2nd year

Therapeutic Areas & Projects

Therapeutic Areas (TA)

- Aesthetics
- Immunology
- Oncology
- Neuroscience
- Eye Care & Specialty

Projects

- Patient reported outcome (PRO): design, validation
- Real world evidence (RWE): treatment patterns, HCRU, comparative analyses
- Economic modeling (BIM, CEA)
- Indirect treatment comparisons (ITC)
- Strategic evidence planning



UW/BAYER LEADERSHIP



UW

Ryan Hansen, PharmD, PhD
Department Chair & Professor



BAYER

Jennifer Cameron, MHA
*Senior Director, Research
Collaboration Strategy*



BAYER

**Bashir Kalayeh,
PharmD, RPh**
National Director, HEOR



BAYER

Arvind Katta, PharmD, MS
Associate Director, HEOR



BAYER

Jake Earl, PharmD, MS
Senior Manager, HEOR



CURRENT FELLOWS



**Quinn Lifschitz,
PharmD**



**Duc Pham,
PharmD**

1st year





Therapeutic Areas & Projects

Therapeutic areas

- **Cardiorenal**
- **Oncology**
- **Women's Health**
- **Thrombosis**
- **Neurology (Early Pipeline)**
- **Rare Disease (Early Pipeline)**

Projects

- **Launch Experience**
- **Real-world evidence**
- **Study concept development**
- **Vendor Management**
- **Data evaluation**
- **Cross-alignment strategy**
- **Economic Modeling
(CEA / BIM)**

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UW/GENENTECH LEADERSHIP



UW
David Veenstra, PharmD, PhD
Professor



GENENTECH
Carolina Reyes, PhD
*Senior Director, Policy, Evidence
and Access Strategy*



GENENTECH
Sophia Li, MPH
Health Economist



GENENTECH
Elmor Pineda, PharmD, MS
Senior Health Economist



GENENTECH
Arpamas Seetasith, PhD
Senior Health Economist

CURRENT FELLOWS



**Brianne Burns,
PharmD**

1st year



**Jonathan Luong,
PharmD, MS**

2nd year

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Therapeutic Areas & Projects

Therapeutic Areas

- Oncology – Solid Tumors
- Oncology – Heme/Blood cancers
- Neuroimmunology
- Ophthalmology
- Respiratory
- Rare Disease & Pipeline
- Foundational Products

Projects

- Economic Modeling (HCRU,CEA, BIM)
- Strategic planning
- Literature Reviews
- Real-world evidence
- Burden of illness
- Cost calculator
- Social determinants of health

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UW/PFIZER LEADERSHIP



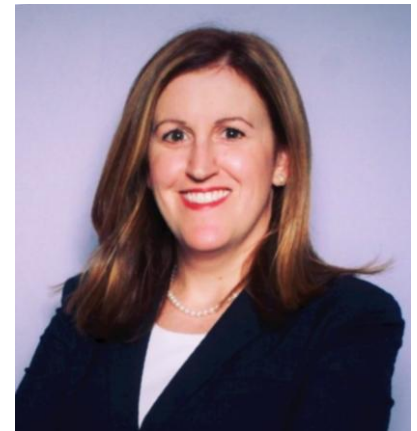
UW

**Josh Carlson,
MPH, PhD**
*Professor & Graduate
Program Director*



PFIZER

**Marco DiBonaventura,
MS, PhD**
*Senior Director, HTA, Value &
Evidence Team Lead*



PFIZER

**Elizabeth Masters,
MS, MPH**
*Vice President, HTA, Value
& Evidence, Oncology*

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CURRENT FELLOWS



Julia Song, PharmD

1st year



Jacob Vang, PharmD, MS

2nd year

Therapeutic Areas & Projects

Therapeutic Areas

- **Oncology**
 - Breast cancer
 - Genitourinary cancers
 - Precision Medicine and Lung
 - Hematology, Biosimilars & Supportive Care
 - Pipeline
 - US Oncology
- **Methods and Innovation**

Projects

- **Clinical Outcomes Assessments**
- **Patient Preference Research**
- **Cross-Functional Collaboration**
- **Contribute to clinical trial design**
- **Pipeline product strategy**
- **US and Global perspectives**
- **Strategic Evidence generation**
 - Indirect Treatment Comparisons
 - Real World Evidence
 - Economic Modeling
 - Product Dossiers (AMCP, global...)

FELLOWSHIP ALUMNI: CAREER OUTCOMES



**Kathryn Perkins,
PharmD, MS**

Pfizer Fellow 2024-26
*Senior Manager, HTA
Value & Evidence, Pfizer*



**Filmon Haile,
PharmD, MS**

AbbVie Fellow 2023-25
*Senior Manager, HEOR,
AbbVie*



**Stella Ko,
PharmD, MS**

GNE Fellow 2022-24
*Health Economist,
Genentech*



**Justin Nedzesky,
PharmD, MS**

GNE Fellow 2021-23
*Associate Director, HEOR,
Neurocrine Biosciences*



**Phoebe Wright,
PharmD, MS**

**Pfizer (Seagen) Fellow
2019-21**
Director of HEOR, Immunome



**Jae Lee,
PharmD, MS**

AbbVie Fellow 2019-21
*Associate Director of
HEOR, AbbVie*



**Chiemeka Ike, MPH,
PharmD, MS**

AbbVie Fellow 2017-19
*Head of HEOR,
Celcuity*



**Jean Malacan,
PharmD, MS**

Bayer Fellow 2015-17
*Director, Value & Access,
Biogen*

APPLICATION PROCESS

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OVERVIEW

- > **Eligibility:** Degree in Pharmacy by July 1, 2027
 - Must hold U.S. citizenship or permanent residency status to apply
- > **Applications Opened:** September 1, 2026
- > **Application Deadline:** October 19, 2026
- > **Program Start Date:** July 1, 2027

APPLICATION & INTERVIEW TIPS

- > **Contact your recommenders early**
 - Include a “cheat sheet” about yourself, the program, and why you are applying to the program along with your recommendation request
- > **Submit a strong, focused, and well-edited CV**
 - Research skills
 - Data analysis skills
 - Relevant rotations, electives, courses, and presentations
 - Leadership experience
- > **Highlight experience & projects relevant to HEOR**
- > **Don't forget thank you emails**
- > **Relax! Be calm, be yourself!**



HOW TO APPLY

- > ASHP PPS is *not* used for our fellowship application process
- > Apply directly to the UW Graduate School
- > Go to: <https://grad.uw.edu/admission/apply-now/>
 - Create a Profile and New Application
 - **Application Type:** Graduate
 - **Graduate Program:** *Pharmacy – Health Economics & Outcomes Research (MS)*
 - **Quarter and Year:** Autumn 2027
 - **Additional Materials:** *IMPORTANT* complete and upload the Fellowship Selection Form to indicate which fellowship program(s) you are applying to, select all that apply

Program Selection

Select your application type * REQUIRED

Selecting "Graduate" starts the application process to be a matriculated student in a degree or certificate program. Applicants who select "[Graduate Non-Matriculated](#)" or "[Visiting Graduate](#)" should carefully review the information available through the links.



Graduate

Find a Program

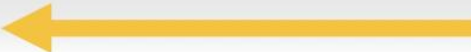
Use the fields in this section to filter for programs meeting various criteria. Your selection(s) in this section will impact the options that appear in the Program Selection section.

Narrow Your Search

- ☐ By Campus
- ☐ By Degree

Select your program * REQUIRED

This list is filtered based upon your choices above.



Pharmacy - Health Economics & Outcomes Research (MS)

2027-2029 Fellowship Selection Form

Thank you for applying for The CHOICE Institute MS Fellowship Programs in Health Economics and Outcomes Research. We have **five** fellowship programs accepting applications for the 2027-2029 fellowship cycle. For specific details on each fellowship, visit our [information page](#).

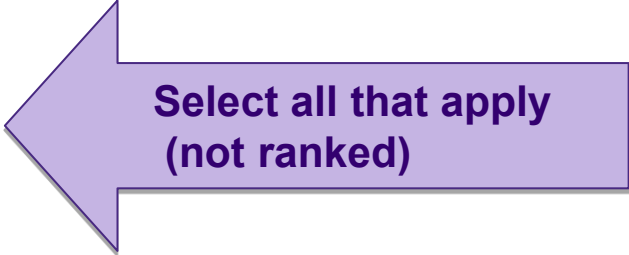
Please complete the fields below and upload this form to your [UW Graduate School Application](#) where requested (application item: Additional Materials). This form **must** be submitted alongside your Graduate School application. Standalone forms will not be accepted, you must submit an online application to be considered for our fellowship programs.

Your name: **Date:**

Application ID: **Email:**

Select the programs you are applying to:

- ☐ UW/AbbVie Fellowship
- ☐ UW/Bayer Fellowship
- ☐ UW/Genentech Fellowship
- ☐ UW/Pfizer Fellowship
- ☐ UW/Sanofi Fellowship



**Select all that apply
(not ranked)**

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HOW TO APPLY *continued*



A detailed how-to document for filling out your application can be found on each fellowship website.



Upload all application materials and submit by the Oct 19 deadline



Application Fee: \$90.00



APPLICATION FEE WAIVERS

- > Financial Need Fee Waivers are available through the Graduate School
- > Fee waiver requests must be submitted at least 7 days before the deadline
- > Washington State Need Grant Program eligibility criteria is used to determine financial need.
 - Reported income is based on the most recent tax year.
- > For more information on how to request a waiver: <https://grad.uw.edu/admission/application-fee-waivers/>



Q&A



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W

CONTACT US



Tom Hopkins, PharmD, MS

CHOICE PhD Student & Graduate Staff Assistant



Marina Gano, M.Ed.

CHOICE Graduate Program & Operations Manager



Reach us both at [**uwsopchoice@uw.edu**](mailto:uwsopchoice@uw.edu)

<https://sop.washington.edu/choice/graduate-education-training-programs/ms-heor-fellowships/>

THANK YOU!



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