

# Sigurd Hartnett – Physician Scientist



Medical School

University of South Dakota, Sanford School of Medicine, MD/PhD

Undergraduate School

University of California-Berkeley BA, Scandinavian Studies

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## Representative Publication/Presentation

Bothe W, Kvitting JP, Swanson JC, **Hartnett S**, Ingels NB, Jr., Miller DC. Effects of different annuloplasty rings on anterior mitral leaflet dimensions. *The Journal of thoracic and cardiovascular surgery*. May 2010;139(5):1114-1122.

**Hartnett S**, Zhang F, Abitz A, Li Y. Ubiquitin C-terminal hydrolase L1 interacts with choline transporter in cholinergic cells. *Neuroscience letters*. Feb 11 2014;564C:115-119.

**Hartnett S**, Gao H, Schnack S, Li Y. Reduced vagal control of the heart in high-fat diet mice: a potential role of increased butyrylcholinesterase. *Physiological reports*. Nov 2015;3(11).

Zhang F, **Hartnett S**, Sample A, Schnack S, Li Y. High fat diet induced alterations of atrial electrical activities in mice. *American journal of cardiovascular disease*. 2016;6(1):1-9.

## Hobbies

Triathlons - local sprint distance, full iron man distance (2009)

## Personal Statement

I envision myself as a leader in academic medicine who, as an independent investigator, translates basic science discoveries to the clinics and, as a clinician, uses clinical observations to generate hypotheses to be meticulously challenged in the lab. Building a strong patient-physician relationship will help set the backdrop necessary for me to advance my cardiovascular research. The hours will be long and the work will be hard, but seeing my research directly benefit my patients' lives will make it worthwhile. As for my professional goals, I hope to become an American Heart Association (AHA) Distinguished Scientist, collaborate interdepartmentally to advance cardiovascular understanding, make a direct clinical impact on my patients' health, and pass on my knowledge through teaching and mentoring the next generations of clinicians and scientists.

## Why I Chose Cincinnati

I chose the University of Cincinnati (UC) as it excels in the areas that are important to me. Clinically, UC has a large referral base with the greater Cincinnati population being approximately 2.1 million people in 2010. The internal medicine residency program is cutting-edge as it is designed based on educational research while also taking into consideration the needs and feedback from residents. UC has excellent facilities which support its academic mission. Scientifically, I was impressed with the faculty and the projects available to me. With a population of 300,000, Cincinnati has plenty of social activities to keep me and my family happy!