

**Daniel Allen Dale**  
College of Arts & Sciences  
Department of Physics & Astronomy  
University of Wyoming  
Laramie, WY 82071

**Academic Record**

|      |         |                                |  |
|------|---------|--------------------------------|--|
| 1998 | Ph.D.   | Cornell University             | Physics                                  |
| 1996 | M.S.    | Cornell University             | Physics                                  |
| 1993 | B.S.    | University of Minnesota Duluth | Physics & Math (honors; summa cum laude) |
| 1989 | Diploma | Princeton (MN) High School     |  |

**Professional Experience**

|              |                      |   |
|--------------|----------------------|---|
| 2018–present | Associate Dean       | College of Arts & Sciences, University of Wyoming |
| 2008–2017    | Department Head      | Physics & Astronomy, University of Wyoming        |
| 2001–present | Asst/Assoc/Professor | Physics & Astronomy, University of Wyoming        |
| 1998–2001    | Postdoctoral Scholar | California Institute of Technology                |

**Awards and Honors**

|      |  |
|------|--|
| 2019 | Harry C. Vaughan Professorship in Astronomy      |
| 2007 | Extraordinary Merit in Research                  |
| 2006 | Ellbogen Meritorious Classroom Teaching Award    |
| 2005 | Extraordinary Merit in Research                  |
| 2004 | National Science Foundation CAREER Award         |
| 1995 | Clark Award for Excellence in Teaching           |
| 1993 | Outstanding Mathematics Senior                   |
| 1992 | Darland All-American Scholarship                 |
| 1989 | University of Minnesota Presidential Scholarship |

**Grant Funding**

47 federal grants totaling \$19 million; 12 state grants totaling \$700k

**Refereed Publications**

207 as of September 2020 (31 as first author); *h*-index of 63 (21 for first-author papers)

**Graduate Student committees chaired:** 26 (20 M.S., 6 Ph.D.)

**Undergraduate Research Assistants:** 95

**Courses Taught**

Calculus-based physics I & II; computational physics; graduate astrophysics; calculus-based astronomy I; introductory astronomy

**Service & Outreach**

Frequent visitor to public schools across the state; provide hands-on activities and lectures  
Director of 10-week undergraduate research internship program in astronomy (2012–present)  
Head Coach of the University of Wyoming women's hockey team (2009–present)  
Ass't Director/Director of Wyoming Astro Camp for schoolchildren (2003–present)  
Director of UW planetarium; many presentations over the years  
Co-chair of UW Grand Challenges initiative (2019–present)

**Fund Raising Experience**

2009 Bessey Graduate Fellowship estate gift commitment (\$300k)  
2009 Bunch Graduate Fellowship (existing endowment augmented by \$60k)  
2013 Windy Ridge Foundation Harry C. Vaughan planetarium (\$875k)  
2014 Windy Ridge Foundation Harry C. Vaughan planetarium (\$700k)  
2014 Burnett Graduate Fellowship (\$100k)  
2019 Windy Ridge Foundation Astro Camp (\$250k)  
2019 Windy Ridge Foundation Harry C. Vaughan Professorship in Astronomy (\$500k)