

# CURRICULUM VITAE

## BRYAN BUTLER

### Education

B.S. (double major - Computer Science; Electrical Engineering),  
Utah State University, 1989  
B.S. minors: Math; Physics  
Magna Cum Laude  
M.S. (Planetary Science), California Institute of Technology, 1991  
Ph.D. (Planetary Science), California Institute of Technology, 1994  
Thesis: 3.5-cm Radar Investigation of Mars and Mercury:  
Planetological Implications  
Ph.D. minor: Computer Science

### Awards and Honors

Utah State University Club Scholarship, 1983-1987  
National Merit Scholarship, 1983-1987  
Outstanding Sophomore Physics Student at USU, 1984  
Collegiate Academic All-American, 1986-1988  
E.C. Anthony Fellowship, Caltech, 1989  
Outstanding Student Paper, 1989 Fall Meeting of the AGU,  
Planetology Section  
Lewis A. Kingsley Fellowship, Caltech, 1991

### Professional Experience

Programmer, Center for Space Engineering at USU, 1986-1988  
Graduate Teaching Assistant, Caltech, 1989-1992  
Graduate Research Assistant, Caltech, 1988-1994  
Member of the Technical Staff, Jet Propulsion Lab, 1991, 1992  
National Radio Astronomy Observatory, 1994-present  
Jansky Postdoc, 1994-1997  
Assistant Scientist, 1997-2000  
Associate Scientist, 2000-2003  
Scientist, 2003-2005  
Scientist, Continuing Appointment, 2005-present  
positions/duties/groups:  
Member of ALMA Science IPT, 1998-2004  
Member of Data Management Science Working Group, 2000-2002  
Head of ALMA Calibration Group, 2002-2004  
Member of Scientist Performance Review Committee: Computational Science  
(SPRC-CS), 2008-2013  
Member of Observatory Science and Technical Council, 2011-present  
EVLA Project Scientist for Software, 2004-2005  
EVLA System Engineer for Software, 2005-2006  
EVLA Computing Division Head, 2006-2013  
Group Lead: VLA/VLBA Science Support Group, 2013-2016  
Division Head: VLA/VLBA Science Support Division, 2016-present

**Professional  
Activities**

Member: AAS (and DPS), AGU, URSI, IAU  
Referee: Science, Nature, Icarus, JGR, Radio Sci., GRL, Ad.Sp.R, A&A, ApJ, ApJL  
Chaired sessions at national and international URSI, DPS  
and LPSC meetings.  
Reviewed proposals for Arecibo and JCMT telescope time.  
Reviewed proposals for NASA PG&G (panel), LSSO (panel),  
MFRP (panel), LASER (panel), DALI (panel), PAST (remote),  
PIDDP (remote) programs; on committees to select  
participating scientists for MARSIS, Kepler, and LRO  
missions; on committees to select New Frontiers mission;  
on committees to select Discovery missions; PI, Co-I or  
Collaborator on many NASA grants; science Co-I on SAR  
instruments for Chandrayaan-1 and LRO missions; science  
Co-I on New Horizons mission.

**REFEREED JOURNAL ARTICLES**

- ALMA Partnership, & 248 co-authors, The 2014 ALMA Long Baseline Campaign: An Overview, *ApJL*, 808, 1, L1, 2015
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- de Pater, I., R.J. Sault, M.H. Wong, L.N. Fletcher, D. DeBoer, & B. Butler, Jupiter's ammonia distribution derived from VLA maps at 3-37 GHz *Icarus*, 322, 168-191, 2019

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- de Pater, I., & B.J. Butler, Low Frequency VLA Observations of Jupiter, *Icarus*, 163, 428-433, 2003
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## ABSTRACTS

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