

15/3/22

Liberal Arts and Sciences

Astronomy

Hélène R. Dickel Papers, 1963-2005

Box 1:

Biographical, Publications, and Personal

Biographical Summary and Abstracts of Lectures, 2005

“Personal Reflection on Employment History at the University of Illinois and how the University has changed in its treatment of women professionals,” 2005

Notifications of Appointment, Salaries, and Evaluation Correspondence, 1991-2000

Graduate College Faculty Appointment Candidate Dossier, 1990-91

John R. Dickel, Vitae, ca. 2002

Mt. Katahdin, (Maine) 60<sup>th</sup> Anniversary Climb, 1996

Annotated Hélène R. Dickel Thesis, 1963

Publications Reprints and Preprints, 1963-2002

“Interstellar Molecules in Star Forming Regions,” *Kinematics and Physics of Celestial Bodies Supplement*, No. 3 2000, *Proceedings of the International Conference: Astronomy in Ukraine—2000 and Beyond*, pp. 80-84

“Designations of astronomical sources and the IAU task group on designations,” *Baltic Astronomy*, Vol. 9. No. 4 2000, *Astronomical Data Acquisition, Processing and Storage: Modern Facilities*, pp 564-68.

American Chemical Society (ACS) Speaker Service

Prairie Circuit and Southwest Texas Circuit Award Plaques, 2000-01

Evaluations and Arrangements, 1993-2001

ACS Talks and Talks for Other Organizations, 1981-2004

BAAS Reports, 1992-2003

Berkeley, Illinois, Maryland Association (BIMA)

(BIMA operates a millimeter-wave radio interferometer at Hat Creek, California.)

BIMA AIPS++ Cookbook (guide to use of AIPS++ as a tool to analyze BIMA data), 2001

BIMA Useful Instructions re Proposals, Schedules and Statistics, 1997-99

BIMA Correspondence, 1995, 2003

Includes L. E. Snyder’s history of University of Illinois involvement in BIMA

Bulletin Board Items and Newsclippings, 1980-98

Career Exploration Program, Mt. Holyoke College, Wheaton College, 1984, 1991-93

Cartoons and Humor

Colloquia and Talks, 2000-02

Correspondence

General, 1969, 1972-77, 1991-2004 (2 folders)

Colleagues re Paper Writing, Proposals, and Articles, 1991-2003

Public Policy re NSF, science funding, and research, 1996-2001

“File Scan Program and Library Files,” 1987

International Astronomical Union (IAU)

Commission 5: Documentation and Astronomical Data, Task Group on Designations,

1992-98

Committee/Division Reports, Task Group on Designations, Division X: Radio  
Astronomy, Commission 5: Documentation and Astronomical Data, 2000-03  
Extra Solar Planets, 1997-99  
General Assembly, Sydney, Australia, 2003  
Meetings and General Assembly and Other Astronomical Meetings, 1991, 1993-98, 2000  
Includes group photo, 1991  
Multi Commission on Designations of Stellar Companions, 2000  
Poster Sessions Advertisements, 1998  
Task Group on Designations, 1996-99  
Working Group on Designations, Chair  
Nomenclature Correspondence, 1995-2003  
Space Debris, Eiffel Tower Commemorative Ring of Light Controversy, 1989  
Light Pollution, Space Billboards, Space Chronometer, 1989-93  
Photographs  
Star Name Inquiries, 1997-98  
Service as Referee on Papers and Proposals, 2002-04  
UIUC Astronomy Department Future Plans, October 2004  
UIUC Faculty Friends, 1995-2004  
UIUC Historical, 120' Radio Telescope at Vermilion River Observatory, color slides, 1970  
UIUC Study Abroad Orientation (LAS 298), 1998, 2002  
John A. Williams, Albion College, Sabbatical at UIUC, 1996-98  
W49 IRAM Data, 1993-94

Box 2:

Monthly Reports ("To Do" Lists)

1974-76, Includes note explaining Dickel's use of reports; NSF Proposal, "Physical  
Properties and Evolution of Galactic Nebular Complexes"  
1977-78, Includes report on Sabbatical in Leiden, The Netherlands  
1981  
1982  
1983  
1984  
1985-86  
1992-95  
1995-96  
1996-98  
1998-99  
1999-2000  
1999-2000 "Sabbatical year at ASTRON, Dwingeloo and U. Amsterdam, The  
Netherlands"  
2000-05

Astronomical Research Data Binders

Early NGC 7538 Notes, 1990  
 AD 149 [object observed] ON3 [emission line observed], 1985  
     ON3 H<sub>2</sub>CO (formaldehyde) Plots VLA  
 W3 [object observed] SO<sub>2</sub> [emission line observed] Rotational Temperature, 1991  
 Very Large Array (VLA) National Radio Astronomy Observatory (NRAO) Radio  
     Telescope in New Mexico  
     VLA Proposals for Observation, 1980-92  
     VLA, 1980  
     AD 139, 1984  
     AD 86 W30H [objects observed] 2cm HCO [absorption line observed], February  
         1984  
     W49A, 1984, 1986  
     H. Dickel and W. Goss, NGC 6334, 1986  
     NGC 6334, NGC 7538, 1986-88  
     AD 185, Dickel-Andrews, 1987  
     W49 [object observed], H<sub>2</sub>CO [absorption line observed], 1988

Box 3:

    AD 64, 1992  
     NGC6334A, 1992  
 BIMA Observational Data  
     Data Reduction, 1987 (3 folders)  
     W 49 [object observed] CS [emission line observed], Fall 1991-94 (2 folders)  
     Data Reduction, W 49, CS # 241, 1990-91  
     W 49 CS, June 1992-August 1993  
     W 49 CS, # 241 & 266, 1990-91  
     W 49 CS, # 241, Fall 1990-91 (2 folders)  
     W 49 CS #241 and 266, Tar, Optical Disk, (2 folders)  
         Re radio interferometer calibration data  
 Hat Creek Interferometer Observing Data Reduction, May/June, 1985-March,  
     1986