



Western Kentucky University
UA66 Ogden College of Science & Engineering
Series 11 Physics & Astronomy
Subseries 1 Publications

Contact information:

WKU Archives
1906 College Heights Blvd.#11092
Bowling Green, KY 42101-1092
Phone: 270-745-4793
Email: archives@wku.edu
Home page: - <https://wku.edu/library/archive>
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Administrative History: Physics courses have been offered since 1907. The Physics Department was established in 1920. The first Physics degree was earned in 1967. The name of the department changed to Physics & Astronomy Department in 1969.

Unit heads:

George Page 1920-1960
Charles Whittle 1960-1962
Marvin Russell 1962-1965
N.F. Six 1966-1983
William Buckman 1983-1984 (interim)
George Vourvopoulos 1984-
Thomas Coohill

Description: Publications by and about the Department of Physics and Astronomy.

Dates: 1975-present

Extent: 6 folders, oversize

Subject Analytics:

African Americans	Physics & Astronomy (WKU)
Astronomers	Planetaria
Astronomy	Science
Blacks	Scientists
Curriculum	Stargazing
Hardin Planetarium (WKU)	Teachers
High school student activities.	Telescopes
Physicists	Western Kentucky University
Physics	

Digital Commons:

African American Studies	Astrophysics and Astronomy
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Curriculum and Instruction
Physical Sciences and Mathematics
Physics

Race and Ethnicity
Race, Ethnicity and Post-Colonial Studies
The Sun and the Solar System

Accession Information: These records transferred to the WKU Archives from WKU Physics & Astronomy in accordance with the records retention schedule.

Access Restrictions: none

Preferred Citation: UA66/11/1 Physics & Astronomy Publications, WKU Archives, Bowling Green, Kentucky, USA.

Processing Information: Records processed and collection inventory 2019, revised 2021.

Finding Aid Report

11/15/2021

UA66.11.1	Records	Date
Level	Subseries	Linked to UA66.11
Title	UA66 Ogden College of Science & Engineering	
Collection	Series 11 Physics & Astronomy	
Scope & Content	Subseries 1 Publications	
	WKU Archives	
	Publications by and about the Department of Physics and Astronomy.	

Container List

Container	Folder	Creator	Date	Title	
Box 1	1	Physics & Astronomy (WKU)	1997	Team Experience in Astronomy for Minorities	
Description	From Earth to the Stars - Pulling Together the Picture, 10/17/1997 Lunar Cartography Observations of Jupiter Observing Venus Participant Evaluation & Comments Planets & Motions - Scientific Investigation for Workshop Team & Mentor Retrograde Motion of Mars - The View from a Moving Earth Shooting for the Stars, PCDN, 10/20/1997 Team Experiences in Astronomy: Photographing the Stars The Sky Above, Fall 1997 Tracking the Daily Motions of the Sun Tyler, Rico. The Frual Telescope Maker: Telescope Making for those Short on Money & Mechanical Aptitude, 6/1994 Campbell, Marie Carini, Mike Clements, Sandra Gelderman, Richard Hackney, Karen Hackney, Richard Holbrook, Jarita McGruder, Charles Noble, John Scott, Roger Van der Meer, Wieb Wilcots, Eric WKU Astronomical Observatory			Subjects	African Americans Astronomy Blacks Cameras Curriculum High school student activities. Minorities Moon Photography Planets Science Stars Stargazing Teachers Telescopes
Box 1	2	Physics & Astronomy (WKU)	nd	Kentucky Space Grant Consortium	
Description	Fellowships Grants Kentucky Space Grant Consortium KSGC NASA Capabilities Enhancement Grant			Subjects	Aeronautics

Box 1	3	Physics & Astronomy (WKU)	1996	National Society of Black Physicists	
Description	Proceedings of the 19th Annual Meeting of the National Society of Black Physicists 23rd Day of Scientific Lectures, 1996 Animalu, Charles. An Exact Solution Method for Autonomous Ordinary Differential Equations Assamagan, K.A., et al. GEANT Simulation of a Polarimeter for Measurements of the Neutron Electric Form Factor Brown, Beth. X-Ray Emission from Gas Stars in Elliptical Galaxies Felfli, Zineb, et al. Theory to Extrapolate Generalized Oscillator Strengths to the Optical Oscillator Strength Harris, Charmaine. The Effects of Signal Degradation in Fiber Optic Links (Using Single-Mode Fibers) Holbrook, Jarita. Orion BN-KL and GL 2136: Infrared Spectral Imaging of the 3.08 m Ice Mallett, Ronald. A Consistent Quantum Theory of the Universe Mickens, Ronald. Nonstandard Finite Difference Schemes: Relations Between Time & Space Step-Sizes in Numerical Schemes for PDE's that Follow from Positivity Condition Odlyzko, Andrew. The Future of Research: Decline or Transformation? Randolph, Lynwood. Research and Development Quality and Productivity: Doing the Right Things Right Rouse, Carl. Stellar Structure as a Resolution of the Solar Neutrino Problem Sakimoto, Philip. Diverse Worldlines: Separate, but Intersecting Shi, Donglu, et al. Processing Grain-Oriented Bulk Yba2Cu3Ox by Partial-Melt Growth Sinclair, Rolf. A Brief Report to the National Society of Black Physicists on the National Science Foundation Thomas, Edward, Jr., et al. An Investigation of Helically Trapped Ion Orbits in the Compact Auburn Torsatron Treadwell, Elliott. Calculation of Coherent Emissions and Gain from a Prebunched Free Electron Laser			Subjects	African Americans Blacks Meetings Physicists Physics Scientists
Box 1	4-6	Physics & Astronomy (WKU)	1978-1995, nd	Brochures	
Description	Applied Physics Biophysics: An Undergraduate Minor, 1978, 1980, 1983, 1985, 1987, nd Graduate Programs in Physics & Astronomy, 1978, nd Have You Considered Majoring in Physics? nd Homeland Security Sciences New Program Option Computer Specialization, 1983 Physics & Astronomy 1985, nd Physics-Engineering Dual Degree Program, 1986, 1991, 1995, nd Why Astronomy? nd			Subjects	Curriculum Physics Astronomy
OS Box 32	21	Physics & Astronomy (WKU)	1975	Posters	
Description	Hardin Planetarium Poetry of the Skies, 1975			Subjects	Posters