

Physics and Astronomy Alumni

We are incredibly proud of our many alumni. If you haven't done so recently, please provide us with your current information and employment history for our records, and links to your current page, if you want it listed here.

2020

Bromley, Steven James Ph.D.

Atomic Data Needs in Laboratory Astrophysics: Experimental Methods for Spectroscopy and Charge Exchange with Ions

Garmon, Andrew W. Ph.D.

Accelerated Molecular Dynamics for the Exascale

Gregory, Wren Elizabeth Ammons Ph.D.

Spectroscopic Insights into the Nano-Bio Interface: Implications and Applications

Kandhadai, Adithya Pudukkudi Ph.D.

Quantum Nonequilibrium in De Broglie-Bohm Theory and its Effects in Black Holes and the Early Universe

Sharma, Bipin Ph.D.

Novel Low Dimensional Sensors for Rapid Disease Diagnosis and Efficient Biomolecular Detection

Tajielyato, Nayere Ph.D.

From Protein Folding to Protein Binding

Zeng, Chuanchang Ph.D.

Topological Excitations and Anomalous Transport Phenomena in Condensed Matter Systems

Tannous, Jaad – M.S.

2020 Undergraduates

Abraham, John

Church, Trevor

Dugan, Andrew

Horton, Haley

Leonard, Krista

Litke, Camryn

Marek, Abigail

Rowe, John

Slimmer, Benjamin

Thompson, Erin

Zanetti, Jessica

2019

Adams, Cade Ph.D.

Near-infrared Observations of Herbig Ae/Be Stars

Chakravorty, Arghya Ph.D.

Modeling Electrostatics and Geometrical Quantities in Molecular Biophysics Using a Gaussian-based Model of Atoms

Desai, Abhishek Amit Ph.D

Unveiling the Cosmic History of Light

Gall, Amy Ph.D.

Inner Shell Atomic Processes in Highly Charged Argon EBIT Plasma Relevant to Astrophysics

Liu (Case), Fengjiao Ph.D.

Elucidating Fundamental Mechanisms in Energy Generation and Energy Storage Materials — A Raman Spectroscopic Study

Nischal, Nirmal Ph.D.

Nonmigrating Tidal Impact on the Energy Budget of the Lower Thermosphere

Sengupta, Bishwambhar Ph.D.

Generation and Modeling of Radiation for Clinical and Research Applications

Underwood, Nick Ph.D.

Signatures of Relic Quantum Nonequilibrium

Anandagoda, Ilukpitiye (Samalka) M.S.

Eagle, Jordan – M.S.

Kilgore, Ethan– M.S.

2019 Undergraduates

Ahl, Corey
Blackman, Addison
Carson, L. Barton
Carter, Brandon
Conway, Rachel
Coulter, David
Dowdle, Casey
Dunn, Elijah
Eggers, Harrison
Faber, Emily
Fox, Daniel
Friedl, Jared
Hetherington, Benjamin
Lovelace, Hailey
Lucker, Adam
McKenna, Myles
Miller, Adam
Okane, Morgan
Toye, Mikael
Wheeler, Gabriella
Williams, Jeremiah

2018

Bojazi, Michael Ph.D.

Galactic Chemical Evolution and Radioactivities in the Early Solar System

Childress, Anthony Ph.D.

Graphene Foam and Helically Coiled Carbon Nanotubes as Electrodes in Energy Storage Devices

Dong, Yongchang Ph.D.

Nonlinear Optical Phenomena in Emerging Low-Dimensional Materials

Ge, Xinwei Ph.D.

IAPP Amyloid Aggregation and IAPP-Associated Toxicity Mitigation

Mallineni, Sai Ph.D.

Two-Dimensional Nanomaterials for Renewable Energy Generation and Sensing Applications

Moore, Chris Ph.D.

Tunneling Transport Phenomena in Topological Systems

Peng, Yunhui Ph.D.

Modelling the Effects of Disease-Associated Single Amino Acid Variants and Rescuing the Effects by Small Molecules

Raghavendra, Achyut Ph.D.

Physiological and Environmental Impacts of Nanomaterials — Biomolecular Coronae

Silwal, Roshani Ph.D.

Extreme Ultraviolet Spectra of Highly Charged Y and Xe Ions: Line Identification, Diagnostic Potential, and Isotope Shift

Taylor, Corinne M.S.

2018 Undergraduates

Blocker, Edward

Bonitati, Joseph

Buechele, Sean

Burns, Kellye

Church, Holland

Hanson, Joshua

Hart, Sean

Kaden, Jonathan

Leiendecker, Harrison

McKinney, Bonni

Shore, Andrew

Wang, Yu

Williams, Harrison

2017

Kulkarni, Dhruva Ph.D.

Metrology and Transport of Multiply Charged Ions

Liu, Yufei Ph.D.

Exploring the Ground State of Tin Selenide

Wang, Bo Ph.D.

Understanding the Structure-Function Relationship of Dendrimers in Environmental and Biomedical Applications

Wang, Hengjia Ph.D.

Study of the Anharmonicity of Vibrational Modes in Carbon Nano-Materials Using a Moments-Based Approach

Bromley, Steven M.S.

Gall, Amy M.S.

Ge, Xeuying M.S.

Johnson, Carolyn M.S.

Marcotulli, Lea M.S.

2017 Undergraduates

Avritte, Jalaan

Covington, Jacob

Dickson, David

Dietz, Christina

Disharoon, Zachary

Flanagan, Patrick

Henk, Nathan

Krier, Christopher

Pitman, Andrew

Shao, Siyuan 'Daniel'

Spencer, Matheu

Thesing, Gabriel

Tremblay, Luke

Vestal, Gary

2016

Kaur, Amanpreet Ph.D.

The Puzzling Bulge to Disk Nova Ratio in the Andromeda Galaxy (M31)

Kiene, Andrew Ph.D.

Sounding Rocket Measurements of Vertically-Sheared F Region Neutral Winds at Sunset and Modeling of Their Effect on Spread F Development

Porter, Amber Ph.D.

Spectropolarimetry of Thermonuclear Supernovae

Roser, Phillipp Ph.D.

Gravitation and Cosmology with York Time

Sharma, Girish Ph.D.

Topological Phenomena in Metals and Superconductors

Srinadhu, Endu Ph.D.

Defect Assisted Growth of Epitaxial Copper Silicide Nanostructures on Si(111) and Si(100)

Zeng, Xiaoyu Ph.D.

The Defects Chemistry in La Filled CoSb₃ Skutterudites Explored by Thermoelectric Study and Density Functional Theory Calculations

Zhou, Menghan Ph.D.

VSE2 - At the Verge of Charge Density Wave

Zhu, Jingyi Ph.D.

Defects in Graphene: Electrochemical, Magnetic, and Optical Properties

Cimorelli, Billy M.S.

Dennison Jr, Joseph M.S.

Figg, Evan M.S.

Hardin, Matthew M.S.

Kulkarni, Dhruva M.S.

Need, Emily M.S.

Rezaei Adariani, Soheila M.S.

Sanders, Samuel M.S.

Yoder, Diana M.S.

Zhang, Gezhou M.S.

2016 Undergraduates

Ferri, Kevin

Gale, Charlie

Glick, Jeremy

Holstead, Alexander

Klingenberger, Adam

Reynolds, Nickalas

Schmitt, Jaclyn

Thompson, Emily

Williams, Fletcher

Yaeger, Zachary

2015

Capps, Jeremy Ph.D.

Spin-Orbit Effects in Semiconductor Heterostructures

Drozdov, Dina Ph.D.

Light Echoes and Late-Time Emissions of Type Ia Supernovae

Karakaya, Mehmet Ph.D.

Scalable Synthesis and Energy Applications of Defect Engineered Nano Materials

Lahwal, Ali Ph.D.

Thermoelectric Transport of Silicon Germanium: An Investigation of the Reduction of Lattice Thermal Conductivity and Enhancement of Power Factor

Petukh, Markhaya (Margo) Ph.D.

Modeling Ions and Proteins Binding: Application to the Chronic Beryllium Disease

Radic, Slaven Ph.D.

Biophysical Interaction Between Nanoparticles and Biomolecules

Wang, Lin Ph.D.

Developing Methods for pKa's and pH-dependent Phenomena Modeling: Application to Biological Systems

Wood, Joshua Ph.D.

Multidimensional Simulations of Non-linear Cosmic Ray Production in Supernova Remnant Evolution

Bell, Edward M.S.

Cortis, Christopher M.S.

Delgado-Navarro, Adriana M.S.

Sengupta, Bishwambhar M.S.

Toddy, Joseph M.S.

2015 Undergraduates

Andorfer, Rachel

Brandenburg, Kristyn

Burkholder, Brandon

Davis, Scott

Farmer, J. Michael

Gagnepain, Michael

Hanson, Andrew

Kimmel, Taylor
Liewald, Alex
Miller, Jonathon
Murray, Connor
Teasley, Thomas
Wilson, R. Kevin

2014

Dumitrescu, Eugene Ph.D.
Majorana Fermions in Chiral Topological Superconductors

Gao, Yang Ph.D.
Fourth Moment Approximation of Intrinsic Mode Lifetimes in Solids

Geitner, Nicholas Ph.D.
A Biophysical Understanding of the Applications and Implications of Nanomaterials

Hitchcock, Dale Ph.D.
Low Thermal Conductivity in Ag₈GeTe₆ Attributed to Strong Anharmonicity

McGahee, Courtney Ph.D.
A Spectroscopic Study of Anomalous Stars in the Open Cluster M67

Saini, Deepika Ph.D.
Mechanical Properties of Low Dimensional Materials

Shyam, Radhey Ph.D.
Energy Loss of Ions Implanted in MOS Dielectric Films

Smith, Nicholas D. M.S.

Stefl, Shannon K. M.S.

2014 Undergraduates

Blair, Robert
Burrows, Matthew
Campbell, Brandon
Carrington, Marlin
Crosby, Charles
Eichert, Carl
Frazier, Tyler
Gainey, Jordan
Hall, Lee
Halligan, David
Hendrix, Matthew

Hughes, Tyler
Kerr, Alexander
Mosso, Carson
Riffle, Jake
Riley, Logan
Roberts, Brenden
Ruiz, Yamil
Setser, Allison
St.John, Bradley
Tupper, Charles
Wylie, Wilson

2013

Zhang, Zhe Ph.D.

In silico modeling the effect of single point mutations and rescuing the effect by small molecules binding

Zhu, Song Ph.D.

Thermoelectric study of INSB secondary phase based nano composite materials

Bojazi, Michael M.S.

Hampton, Shaun M.S.

2013 Undergraduates

Downing, Timothy

Hughes, Max

Kingery, Ryan

Klinger, Joshua

Lanham, Bethany

2012

Bhattacharya, Priyanka Ph.D.

Environmental implications and applications of nanomaterials

Bryngelson, Ginger Ph.D.

The power of thermonuclear supernovae after one year

Chen, Ran Ph.D.

Understanding nanoparticle-cell interaction

Lake, Russell E Ph.D.

Interaction of highly charged ions with ultrathin dielectric films

Lingam, Kiran Kumar Ph.D.

Spectroscopic signature for bundling, edge states and impurities in 1D and 0D materials

Liskowsky, Joseph Paul Ph.D.

Planet formation in transition disks: modeling, spectroscopy, and theory

Thompson, Daniel Ross Ph.D.

Thermoelectric properties of silicon germanium: an in-depth study to the reduction of lattice thermal conductivity

Howard, Damien M.S.

Kaur, Amanpreet M.S.

Sayson, Noel M.S.

Singh, Manjeet M.S.

2012 Undergraduates

Bebber, Mark

Bredeson, Isaac

Coar, David

Cooke, Kevin

Daniels, Matthew

Johnson, Patrick

Sanders, Samuel

Schurr, Ryan

Smith, Nicholas

Switzer, Fred Skyler

Thomas, David

2011

Donehew, Brian Ph.D.

Measurements of mass accretion rates in Herbig A

Lung, Florin Dacian Ph.D.

Transport phenomena in semiconductor superlattices

Podila, Ramakrishna Ph.D.

Effects of surface states, defects and dopants on the optical and magnetic properties of low-dimensional materials

Ratnikova, Tatsiana A Ph.D.

Biological and ecological responses to carbon-based nanomaterials

Capps, Jeremy Patrick M.S.

Karakaya, Mehmet M.S.

2011 Undergraduates

Brock, John

DeLapp, Robert Earl

Harrison, David

Jureka, Kellie

Kerr, Christopher

Lusk, Dylan

Schwartz, Austin

Scott, John Sloan

Talley, Kemper

Tkacik, Patrick Michael

Wooten, Walter

2010

Johns, Bethany R Ph.D.

Modeling the Galactic 511 keV positron annihilation emission, production and propagation

Johnson, Joseph P Ph.D.

Internal transitions in nuclei and applications to astrophysics and cosmochemistry

Troutman, Matthew R Ph.D.

Observing CO in circumstellar disks

Updike, Adria C Ph.D.

Gamma ray bursts as probes of dust in the evolving universe

Liskowsky, Joseph M.S.

Mitra, Rooplekha M.S.

Yu, Tianhong M.S.

2010 Undergraduates

Allen, Aaron

Beattie, Carrie

Bergman, C. David

Brooke, Baker

Cawthorne, Samantha

Hackett, Brianne

Herrington, Jessica

Hurd, Lucas
Jenks, Malia
Livesey, Eugene
Oliver, Ian
Rhodes, Daniel
Ryan, James
Spear, John
Stone, Matthew
Thorpe, Daniel
Turner, James
Zawacki, Benjamin
Zhang, Qiu Run 'Alan'

2009

Alboni, Paola Nidia Ph.D.

Effect of CoSb₃ nanoparticles on the thermoelectric properties of filled and unfilled CoSb₃ skutterudites

Bubar, Eric J Ph.D.

The reality of the Wolf 630 moving group

Hayes, W Ph.D.

Atom scattering from metals

Ray, Matthew Preston Ph.D.

The dynamics of energy and charge transfer in low and hyperthermal energy ion-solid interactions

Su, Zhe Ph.D.

Improved thermoelectric performance of p-type polycrystalline Bi₂Te₃ via hydrothermal treatment with alkali metal salts

Theiling, Mark Ph.D.

Observations of very high energy gamma ray emission from supernova remnants with VERITAS

Wang, Changyuan Ph.D.

Branchings and time evolution of reaction networks

Yang, Keqin Ph.D.

Inter-tube bonding and defects in carbon nanotubes and the impact on the transport properties and micro-morphology

Baugh, Patrick A M.S.

Holgate, Timothy M.S.

Mart, Chris M.S.

Simmons, Shelton O'Brien M.S.

Scott, Tyler David M.S.

2009 Undergraduates

Baker, Andrew

DeLorenzo, Matthew

Drye, Tyler

Goldsbury, Ryan

Henderson, Matthew

Hitchcock, Dale

Keyes, Daniel

Lard, Mercy

Laughlin, Laura

Modic, Kimberly

Monarch, John

Puls, Jason

O'Donoghue, Bridget

Reid, Michelle 'Shelly'

Wisse, Jacob

2008

Bleda, Erdi Ata Ph.D.

Calculations of diffusion in FCC binary alloys using on-the-fly kinetic Monte Carlo

Fan, Guoqing Ph.D.

3-D calculation of atom-surface collisions with direct scattering, trapping and desorption

Gothard, Nicholas Wesley Ph.D.

The effects of nanoparticle inclusions upon the microstructure and thermoelectric transport properties of bismuth telluride- based composites

Zhang, Bo Ph.D.

Lead chalcogenide nano-composites : synthesis, thermal and electrical transport properties

Bryngelson, Ginger M.S.

Chen, Yu M.S.

Eid, Hala A M.S.

Johns, Bethany R M.S.

Lung, Florin Dacian M.S.

Taylor, Jonathan Davis M.S.

2008 Undergraduates

Bonvallet, Paul

Boyd, Heather

Clarke, Robert

Guerriere, James

Hedden, Russell

Hubbard, Jennifer

Kwan, Nathan

Moody, Justin

Newman, Eric

Pepper, James

Sexton, Joshua

Twook, Gregory

2007

Davis, Keith W Ph.D.

Supernova injection of short-lived radionuclides into the presolar cloud : a feasibility study

Rao, Rahul Ph.D.

Raman spectroscopic evidence for anharmonic phonon lifetimes and blueshifts in 1D structures

Roy, Ankita Ph.D.

Quantitative methods and detection techniques in hyperspectral imaging involving medical and other applications

Xu, Lingyun Ph.D.

Electronic structure of MoS₂ nanotubes

Zhan, Tianyu Ph.D.

Mesosphere and lower thermosphere neutral winds observations using rocket-released chemical trails at Poker Flat, Alaska

Zheng, Liqiu Ph.D.

Spin density wave phases in semiconductor superlattices

Andrews, Justine Elizabeth M.S.

Bubar, Eric Joseph M.S.

Czech, Christopher D M.S.

Edwards, Bradley Allen M.S.

Johnson, Joseph P M.S.

Troutman, Matthew R M.S.

Updike, Adria C M.S.

Zheng, Huqin M.S.

2007 Undergraduates

Allen, Matthew

Collins, Clarence 'Tripp'

DeWitt, David

Dunn, Patrick

Fordyce, Crystal

Gambrell, Greyson

Harris, Rebecca

Jones, Aaron

Kelleher, Andrew

Mart, Christopher

Marzolf, Sean

O'Dell, Daniel

Pearson, Erik

Searcy, Paul

Tinker, Michael

Yount, Caroline

2006

Hickman, Nicoleta Sorloaica Ph.D.

Experimental and theoretical optimization of the thermoelectric figure of merit of heavily doped TiNiSn alloys

Lu, Qi Ph.D.

An exploratory study of interfacing carbon nanotubes with biological systems

Lair, Jessica Crist Ph.D.

An observational analysis of the late light curves of normal Type Ia supernovae

Schuler, Simon C Ph.D.

Chemical abundances of solar-type dwarfs in open clusters

Fleming, Thomas Ph.D.

A study of two systems of correlated electrons

Gaillard, Jay B Ph.D.

Harmonic detection of resonance in micro- and nano- cantilevers

Adams, David M.S.

Bao, Fang M.S.

Boone, Roggie Hiram M.S.

Daane, Abigail Ruby M.S.

Garimella, Kiran M.S.

Guo, Liyu M.S.

Homewood, Autumn M.S.

Lin, Jun M.S.

Parker, Allen M.S.

Molgaard, Joshua M.S.

Moody, Stephen Andrew M.S.

Ray, Matthew M.S.

Schallhorn, Kathryn M.S.

Wang, Changyuan M.S.

2006 Undergraduates

Allardice, Amber Michelle

Bishop, Stuart Paul Jr.

Cooper, Jennifer Nicole

Drupp, Patrick Scott

Etters, Kyle Christopher

Freeman, Kirk Rollins

Hilburn, Bryan E.

Kelleher, Adam Scott

Kim, Mickey Kyu
Lindsey, Sloan J.
Manning, Anna Moncure
McIntyre, Travis Patrick
Mengering, Jonathan E.
Mitchell, Robert Adam
Moore, Jessica M.
Powell, Herschell B.
Rhodes, Leon W. Jr.
Riddle, Christina Adele

2005

Ambaye, Hailemariam Ph.D.

Diatomic molecule scattering from metal surfaces and its applications

Kinnison, James Dwayne Ph.D.

High energy neutron spectroscopy in thick silicon detectors

Lowhorn, Nathan Dane Ph.D.

Effect of rare-earth doping on the thermoelectric and electrical transport properties of the transition metal pentatelluride HfTe_5

Aaron, Kelvin Rono M.S.

Alboni, Paola Nidia M.S.

Harris, Colin C M.S.

Theiling, Mark Frederick M.S.

Zhan, Tianyu M.S.

Zhou, Xiaoqian M.S.

2005 Undergraduates

Anderstrom, Allan E

Andrews, Justine Elizabeth

Chappell, Douglas Arthur

Conner, Benjamin Scott

Cortes, Stephanie Robin

Dyar, Judson Paul

Edwards, Bradley Allen

Freedman, Katherine Omeara

Russell, Meredith Le Anne

Sams, William Robert

Sells, Stephen Andrew
Turner, Christopher Andrew
Vollrath, Zachary Kenneth
Wagemann, Stephen Scott
Wood, Christopher Michael

2004

Lamberton, Gary Austin Ph.D. 2004

Thermoelectric properties of europium and ytterbium doped CoSb₃ skutterudites and novel thermal transport in type-II silicon clathrates

Deneault, Ethan A Ph.D. 2004

Formation and growth of large carbon solids in supernovae

Bartlett, Matthew Allen Ph.D. 2004

In vivo diagnosis of skin cancer using polarized and multiple scattered light spectroscopy

Weston, David Alan Ph.D. 2004

Quantitative evaluation of rubber

Jordan, George Calhoun Ph.D. 2004

Nucleosynthesis in fast expansions of high-entropy, proton rich matter

Sorloaica, Nicoleta Zina M.S. 2004

Fan, Guoqing M.S. 2004

Tedstrom, Raymond H M.S. 2004

Bleda, Erdi Ata M.S. 2005

2004 Undergraduates

Carnes, Jason Al

Deslippe, Jack Richa

Kerr, Matthew Thomas

Parker, Allen Lynch

Ray, Matthew Preston

Weatherly, Carter Re

Sells, Stephen Andrew

2003

Bhattacharya, Sriparna Ph.D.

Investigation of thermoelectric properties of Ti-based half- Heusler alloys

Myers, Jeannette M Ph.D.

Galaxy evolution : effects of stellar feedback on the dynamics of halo formation

Abdel-Hadi, Ahmad Ph.D.

Gravity assist and scattering of AGB stars off molecular clouds

McGuire, Kristopher Bryan Ph.D.

Synthesis and characterization of nanomaterials : nanotubes, nanowires, and nanobelts

Crist, Jessica L M.S.

Davis, Keith W M.S.

Gothard, Nicholas W M.S.

Gu, Xuejun M.S.

Harris, Larry C M.S.

Lindsay, Kevin J M.S.

Weston, David Alan M.S.

Woldegiorgis, Yared M.S.

2003 Undergraduates

Bradley, Charles Ken

Cantrell, Scott Mich

Harris, Colin Campbe

Powers, Judson Alber

Stanhope, Sarah Jean

2002

Gupta, Sanjib Shankar Ph.D. 2002

A treatment of excited states in nucleosynthesis

Pope, Amy Liann Ph.D. 2002

Electrical and thermal transport in quasicrystalline systems

Gamble, Brian Keith Ph.D. 2002

Specific heat and transport properties of the light rare-earth diantimonides

Schuster, Chad M.S. 2002

Savage, Traig W M.S. 2002

Levi, Nicole Hope M.S. 2002

Lu, Qi M.S. 2002

Shives, Eric R M.S. 2002

Fountain, Martha Rez M.S. 2002

2002 Undergraduates

Gaillard, Jay B.

Morgan, Tara Edna

Tedstrom, Raymond Ho

2001

Ojha, Ashish Ph.D. 2001

Quantitative analysis of images obtained from single cell gel electrophoresis assay

Wilson, William R Ph.D. 2001

Rocket and radar observations of quasi-periodic structures associated with mid-latitude sporadic E layers

Lamberton, Gary A M.S. 2001

Deneault, Ethan A M.S. 2001

Theiling, Dale L M.S. 2001

Winkler, Donny Wayne M.S. 2001

Yow, Sushan M.S. 2001

Jordan, George Calhoun M.S. 2001

Tang, Yarong M.S. 2001

Bjolseth, Inger Marie M.S. 2001

2001 Undergraduates

Flandry, Robert Edward

Alboni, Paola

Bowen, Holly
Cook, John M
Jeffries, Jonathan
Hammett, Robert

2000

Talbot, Julie L Ph.D. 2000

A calculation of the magnetic moment of a charged vector meson using proper normalization

Burcham, Joel D Ph.D. 2000

Coherent scatter radar analysis of equatorial spread F

Tekleab, Daniel Ph.D. 2000

Effect of symmetry breaking on electronic structure of carbon nanotubes : scanning [sic] tunneling microscopy and spectroscopy study

Williams, George Grant Ph.D. 2000

Early-time observations of gamma-ray burst error boxes with the Livermore Optical Transient Imaging System

Luo, Ning Ph.D. 2000

Galactic abundance evolution of isotopes and applications to cosmochemical samples

Savage, Mark William Ph.D. 2000

Neutron and proton single event upsets at reduced bias

Bartlett, Matthew A M.S. 2000

Ozer, Ali M.S. 2000

Ramesh, Sathappan M.S. 2000

Kaeser, Michael Alexander M.S. 2000

Lowhorn, Nathan Dane M.S. 2000

Li, Mubing M.S. 2000

2000 Undergraduates

Bunton, Ted B
Eddy, Brian W
Gregory, Eric W
Jeffries, Jason R

Schuster, Chad M
Denny, Joel E
Turner, Curt L

1999

Scheick, Leif Zebediah Ph.D. 1999

UVPROM dosimetry, microdosimetry and applications to SEU and extreme value theory

Brown, Jason S Ph.D. 1999

A metastable state for a(111)(110) dislocations in B2 NiAl and its role in their decomposition

Marshall, Timothy Richard Ph.D. 1999

Investigations of high latitude wind shears in the lower thermosphere

Muis, André M.S. 1999

Wrotny, Jonathan Edwin M.S. 1999

Pope, Amy Liann M.S. 1999

Gupta, Sanjib Shankar M.S. 1999

Myers, Jeannette M M.S. 1999

Dai, Jinze M.S. 1999

Mullenax, Donna J M.S. 1999

Stanley, Michelle R M.S. 1999

Yegin, Korkut M.S. 1999

1999 Undergraduates

Busch, Daniel S

Marsh, Kevin P

Smith, Parker L

Goodwin, William

1998

McDaniel, Rickey D Ph.D. 1998

Plasma turbulence in the equatorial ionospheric F region

Schneider, Clinton W Ph.D. 1998

Transition metal substitutions for Cu in BSCCO : an instructive probe of high temperature superconductivity

Milne, Peter A Ph.D. 1998

Type Ia supernovae & 511 keV annihilation radiation

Kuester, Catherine R M.S. 1998

Scheick, Leif Zebediah M.S. 1998

Matthews, Daniel J M.S. 1998

Fakhruddin, Mohammed M.S. 1998

Littleton, Roy Townsend M.S. 1998

1998 Undergraduates

Mitchell, James M

Stanley, Michelle R

Theiling, Dale

Winkler, Donny

Seaman, Joseph

1997

Verebelyi, Darren Ph.D. 1997

Thermal conductivity of impurity doped superconducting Bi-Sr-Ca- Cu-O whiskers

Krishnan, Tracy Dawn Ph.D. 1997

Factors affecting the nucleosynthesis of ^{48}Ca

Kuh, Jahyong Ph.D. 1997

Threshold field and Shubnikov de Haas oscillations of NbSe_3 and critical field of $\text{Tl}_2\text{Mo}_6\text{Se}_6$ under elastic uniaxial strain

Kindall, Kevin Gaylynn Ph.D. 1997

Nonperturbative analytical approximate solutions in intrinsically nonlinear systems

Harris, Richard William M.S. 1997

Heaton, Gary E M.S. 1997

Talbot, Julie L M.S. 1997

Wu, Xinlei M.S. 1997

Burcham, Joel D M.S. 1997

Mengistu, Endeshaw H M.S. 1997

Zhang, Hongwei M.S. 1997

Robinson, Claudia M.S. 1997

Pothen, Natasha M.S. 1997

Marfatia, Danny M.S. 1997

1997 Undergraduates

Eaton, Roger

Kaeser, Michael

Brown, Michael Edwar

Burt, Timothy Clack

Gerberich, Heather K

Hincher, Jason Clyde

Kinch, Mark Anthony

Michael, John Andrew

Pope, Amy Liann

Pritchard, Brian Gra

Williamson, Thomas H

1996

Gao, Xing Ph.D. 1996

Optical remote sensing and airborne in situ measurements of atmospheric dynamics in the region from the upper troposphere to the upper mesosphere

Larson, Sandra Cooper Ph.D. 1996

Long range effects on localized radiation damage in DNA

Watanabe, Kenji Ph.D. 1996

Measurement of the diffuse gamma-ray background with solar maximum mission

Chen, Lei Ph.D. 1996

Monte-Carlo treatment of predicting proton-induced dark current on charge-coupled devices

Savage, Mark William M.S. 1996

Glenn, James Allen Lester M.S. 1996

Williams, George Grant M.S. 1996

Schneider, Clinton W M.S. 1996

Dunfee, Jonathan David M.S. 1996

Powell, Michael Allan M.S. 1996

Mirick, Judy Lynn M.S. 1996

Sutherland, Charles Taylor M.S. 1996

Odom, Christopher Douglas M.S. 1996

Brown, Jason S M.S. 1996

Jones, Thomas C M.S. 1996

1995

Milne, Peter A M.S. 1995

Positron escape from supernova ejecta

Keener, James E Ph.D. 1995

A study of lightning, dynamics, and microphysics in a tropical thunderstorm using UHF and VHF Doppler radars

Craig, Lee Robert M.S. 1995

Analysis of radiation effects on floating gate mosfets

Das, Kanta Ph.D. 1995

Third order isothermal elastic constants of NbSe₃ and TaS₃ and low temperature anomaly in TaS₃

Chang, Yu-Li Ph.D. 1995

Application of MST radar wind estimation techniques to the study of gravity waves in the lower stratosphere and troposphere

Kindall, Kevin Gaylynn M.S. 1995

The angular variation in energy deposition in silicon microvolumes resulting from Pu/Be neutrons

1994

Graham, Thomas Vincent Ph.D. 1994

Mechanical properties of palladium with defects and impurities : a molecular dynamics study

Sanderson, Chris M.S. 1994

On the plausibility of supernovae as sources of interstellar diamond

Weerasinghe, Srilal Muditha Ph.D. 1994

Multiphonon energy exchange in atom-surface scattering

Wojciechowski, Joel Christopher M.S. 1994

Multi-instrumented observations of low latitude nighttime thermospheric dynamics

Carter, Michael J Ph.D. 1994

An analytic model of an interferometer for the study of travelling ionospheric disturbances

Larson, Lloyd S M.S. 1994

Sensitive volume characterization of charge-coupled devices

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