

Students advised/graduated

It has been my policy to select uniformly students from around the world, without discrimination of race or nationality. The countries of origin include Malaysia, Singapur, India, Iran, China, Taiwan, France, Germany, Italy, Corea, Vietnam and the US.

In the table that follows, the third column indicates the year of graduation (if graduated), and the institution that conferred the degree (sometimes the research was done at UNM, and submitted for a degree at another institution, in another country).

Name	Degree	Graduation	Topic
James Menders	PhD	1983 (USC)	Coherent interactions in dyes
Wen Chen Wang	PhD	1983 (UNT)	Coherent interactions in metal vapors
Joel Fontaine	PhD	1982 (Strasbourg Univ.)	Femtosecond pulses and diagnostics
Ian C. McMichael	PhD	1984 (UNT)	Fs four wave Mixing
Nandini Mukherjee	PhD	1987 (UNT)	Coherent Harmonic Generation
Anadi Mukherjee	PhD	1987 (UNT)	Coherent 4 wave Interactions, (4 photon resonant)
Nooshin Jamasbi	PhD	1989 (UNT)	Vibrations in Liposome Membranes
Feiling Wang	M.S.	1989 (UNM)	Sheath potential RF Gas discharge
Thierry Lepine	M.S.	1986 (ULP)	Amplification of fs pulses with Cu Vapor Laser.
Maguelonne Chambon	M.S.	1987 (ULP)	Design of fs laser cavities
Augustin Syn	M.S.	1989 (ULP)	3D Imaging/Cu Vapor laser
Ming Lai	PhD	1991 (UNM)	Nonlinear Interfaces
Chi Yan	PhD	1993 (UNM)	3D Imaging / Diagnostic methods
Michael Dennis	PhD	1991 (UNM)	Laser Gyros
Chao Yung Yeh	PhD	1993 (UNM)	Ultrafast E-field detection
Lien Chen Zou	PhD	1994 (UNM)	Excimer laser assisted deposition
Feiling Wang	PhD	1991 (UNM)	Nonlinear optics with PLZT
Jhy-Ming Luo	PhD	1990 (UNM)	Side-mode semiconductor laser injection
Dirk Neidhardt	M.S.	1990 (UNM)	Bistable interfaces
C. Bao	PhD	1995 (UNM)	Ultrafast Circuits
Xin Miao Zhao	PhD	1994 (UNM)	Laser induced Lightning
Jon Choy	M.S.	1996 (UNM)	Pulse injection seeding
P. Pulaski	PhD	1997(UNM)	Unidirectional MQW lasers
Scott Diddams	PhD	1997 (UNM)	Phase sensitive spectroscopy
Steffen Prein	M.S.	1995 (UNM)	Diagnostic method without nonlinear optics
Thien Dang	PhD	2005(UNM)	Semiconductor laser gyros
Matt Bohn	PhD	1998 (UNM)	Measurement of ultrasmall index of refraction
Michael Dearborn	PhD	1998 (UNM)	Optical Parametric Oscillators (OPO)
Jens Biegert	M.S.	1998 (UNM)	Compression in second harmonic
Briggs Atherton	PhD	1999 (UNM)	Stabilized laser gyros

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Jason Jones	PhD	2001 (UNM)	High resolution optical frequency metrology with stabilized fs lasers
Patrick Rambo	PhD	2000 (UNM)	Laser guided discharges
Aaron Bernstein	PhD	2004 (UNM)	Filamentation in air
Jens Schwartz	M.S.	1999 (UNM)	Multiphoton ionization
Xianmei Meng	PhD	2003 (UNM)	Ultrashort pulse optical parametric oscillator sensor
James Gruetzner	PhD	2003 (UNM)	Imaging through dense scatterers
Mark Ackerman	PhD	2003 (UNM)	Parametric amplification of images
Jens Biegert	PhD	2001 (TH Munich)	Bichromatic coherent two-photon interaction
Jesus G. Mejia	PhD	2001 (CICESE)	Fs ring lasers to study optical materials
Jens Schwarz	PhD	(2003 U. Jena)	Filamentation in the UV
Luca Giuggioli	PhD	(UNM)	Multiphoton spectroscopy of air (quit in 2002)
Hui Su	PhD	(UNM)	Femtosecond Communication (quit in 2001)
Qunzhang Li	PhD	(UNM)	Solid State laser Gyros (quit in 2001)
Thomas Rotter	PhD	(UNM)	Femtosecond Communication (quit in 2000)
Florian Maier	MS	2002 (UNM)	Development of ring laser sensors
Florian Holch	MS	2002 (UNM)	UV generation through frequency tripling
Ladan Arissian	PhD	2006 (UNM)	Coherent Interaction with two-photon Lambda Structures
Martha Navarro	MS	2006 (UNM)	Measurement of small scattering
Jeremy Yeak	PhD	(UNM)	Lightning diversion
Daniel Mirell	PhD	2010 (UNM)	Filaments at 800 nm
Liu Ye	PhD	2007 (UNM)	Intracavity pumped OPO
Olivier Chalus	PhD	2007 U. Strasbourg	Filaments with long UV pulses
Yule Zhang	PhD	(UNM)	Vanadate laser gyro
Andreas Velten	MS	2005 (UNM)	Diode pumped Cr:LISAF OPO
Alexandro Ruiz	PhD	2006 (CICESE)	Femtosecond laser amplifier
Martin Ruecke	MS	2004 (UNM)	Coupled integrated Resonators
Andreas Schmidt	MS	2006 (UNM)	Ring lasers as quantum mechanical analogues
-Sody			
Hui Deng	MS	(UNM)	Line-of-sight communication
Xiaomo Jing	MS	(UNM)	(quit in 2005)
Xiaozhen Xu	PhD	2014(UNM)	Spatial solitons in air
Koji Masuda	PhD	2015 (UNM)	Stabilization through coherent interaction
Mikael Hosatte	MS	2008 Strasbourg	VECSEL short pulse lasers
Xuan Luo	PhD	2015 (UNM)	Scanning nanoscope
Alex P. Braga	PhD	2010 (UNM)	Bidirectional Mode-Locked Fiber Ring Laser
Chengyong Feng	PhD	2016 (UNM)	Study is laser induced discharge plasma
Shermineh Rostami	PhD	2016 (UNM)	Filament Science
Chris Vergien	PhD	2015 (UNM)	Raman Fiber Amplifiers
Chunte Lu	PhD	(UNM)	Polarization studies in optical fibers (quit in 2014)
Andreas Velten	PhD	2010 (UNM)	Optical parametric oscillators for IPI
Andreas Schmidt-Sody	PhD	2011 (UNM)	Two pulse/cavity lasers and their applications
Aaron Allen	M.S.	2012 (UNM)	Forsterite fs laser
Mohammadamin Rasoulof	PhD	(UNM)	Stimulated Backward Scattering with filaments
Ali Rastegari	PhD	(UNM)	Laser induced discharges
James Henrie	PhD	(UNM)	Enhancement of gyro response with "fast light"
Hanieh Afkhamiardakani	PhD	(UNM)	Intracavity phase interferometry with fiber lasers
Brian Kamer	PhD	(UNM)	Polarization effects in laser filaments
Ning Hsu	PhD	(UNM)	Stabilization of OPO
David Valdes	M.S.	(UNM)	Construction of a 800 nm oscillator-amplifier
Luke Horstman	PhD	(UNM) ₂	Fiber OPO