

Contact Information	Dr. Kimberly Bouldin				
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Education	From Month/Year	To Month/Year	Institution	Degree	Discipline
	8/1994	5/1998	Texas Tech University	BS	Physics
	6/1998	12/2000	Texas Tech University	MS	Physics
	1/2001	5/2003	Texas Tech University	PhD	Physics
List previous teaching and administrative duties relevant to higher education.	From Month/Year	To Month/Year	Institution/Company		
	6/1998	5/2003	Texas Tech University/Teaching Assistant in Physics		
	1/2002	12/2004	TTU Upward Bound/Created and taught science classes (The Physics of Hot Air Balloons, The Fun of Physics, Wind Walkers (covering the science of whirly-gigs), and Forensic Science (including a Trace Evidence class with a mock crime scene and mock trial in the Lubbock County Courthouse))		
	5/2003	8/2005	IDEAL at TTU/created and taught science classes		
Professional development or publications relevant to the academic positions held or teaching field.	X. Wang, K. Bouldin, S. Gangopadhyay, H. Harris and H. Temkin, "Structural properties of fluorinated amorphous carbon films," J. Appl. Phys. 87, 621 (2000).				
	H. Harris, X. Wang, G. Celebi, K. Bouldin, N. Biswas, D. Lamp, H. Temkin and S. Gangopadhyay, "Investigation of low-k fluorinated amorphous carbon films from acetelene and CF4," MRS Proceedings on Low Dielectric Constant Materials and Applications in Microelectronics, 1999.				
	S. Gangopadhyay, X. Wang, H. Harris, G. Celebi, K. Bouldin, D. Lamp and H. Temkin, "Structural, optical and electronic properties of PECVD fluorocarbon films," Invited Paper, Fifth International Conference on Dielectrics for ULSI Multilevel Interconnect, 25-30, 1999.				
	S. Gangopadhyay, X. Wang, H. Harris, K. Bouldin, D. Lamp, H. Temkin, M. Strathman and M. West, "Optical and electrical properties of thermally stable low-k fluorinated amorphous carbon films," Invited Paper, Semitech Workshop on Low Dielectric Constant Materials, March 1999.				

	S. Gangopadhyay, X. Wang, K. Bouldin, D. Bunch, D. Lamp, H. Harris, and H. Temkin, "Optical, electrical and plasma etch properties of thermally stable low-k fluorinated amorphous carbon films," Invited Presenter, Semitech Ultra low-k Workshop, March 1999.
	E. R. Menzer, M. Takatsu, R. H. Murdock, K. K. Bouldin, and K. H. Cheng, "Photoluminescent CdS/dendrimer nanocomposites for fingerprint detection," J. Forensic Sci. 45, 758 (2000).
	K. K. Bouldin, E. R. Menzel, M. Takatsu, R. H. Murdock, "Diimide-enhanced fingerprint detection with photoluminescent CdS/dendrimer nanocomposites," J. Forensic Sci. 45, 1239 (2000).
	K. K. Bouldin, E. R. Menzel, "Latent fingerprint detection with SYPRO Rose Plus Protein Blot Stain," TheScientificWorldJOURNAL, 2, 542-545 (2002).
	E. R. Menzel, R. H. Murdock, K. K. Bouldin, "Method for detecting trace explosives using photoluminescence," Prov. Patent No. 60/473, 434, May 2003.
	E. R. Menzel, K. K. Bouldin, R. H. Murdock, "Trace explosives detection by photoluminescence," TheScientificWorldJOURNAL, 4, 55-66 (2004).
	K. K. Bouldin, "Latent fingerprint detection by photoluminescence and time-resolved imaging," Oral presentation, Texas Section of the American Physical Society and American Association of Physics Teachers, October 2003.
	K. K. Bouldin, "Trace explosives detection by photoluminescence with applications to time-resolved imaging," Oral presentation, Texas Section of the American Physical Society and American Association of Physics Teachers, October 2003.

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