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| Contact Information   | Your Name Dr. Kimberly Bouldin  |                  |  |        |            |
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| Education   | From<br>Month/Year  | To<br>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<br>Month/Year  | To<br>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. |                  |  |        |            |

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|  | 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.                      |

South Plains College  
Curriculum/Vitae