

# Karen S. Wolski

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- EDUCATION**      **Bucknell University**, Lewisburg, Pennsylvania  
*Candidate for Bachelor of Science in Engineering*, Expected May 2008  
Major: Chemical Engineering  
Cumulative GPA: **3.0/4.0**
- COMPUTER SKILLS**      Windows XP, Microsoft Office, Minitab, Matlab, Sigmaplot, Mathcad, Hysys, Streamline.  
Experienced with both IBM and Macintosh.
- INDUSTRIAL SKILLS**      Experience with milling machines, lathes, drill presses, band and hack saws. Knowledge of riveting and sheet metal techniques, drilling and tapping, and welding.
- EXPERIENCE**
- Undergraduate Research**, Bucknell University, Fall 2006  
    *Department of Chemical Engineering*
- Developed low thermal expansion/high electrical conductivity, two-phase copper/tungsten alloys from nanocrystalline powders
  - Characterized samples using scanning electron microscopy, x-ray diffraction, microhardness, and electrical conductivity.
- Project Development Assistant**, Bucknell University, Summer 2006  
    *Department of Chemical Engineering*
- Assisted in development and construction of an agitation tank with heat exchanger for use as an educational tool for heat and mass transfer and process control laboratories.
- Teaching Assistant**, Bucknell University, Spring 2006-present  
    *General Chemistry, Science of Materials, and Chemical Engineering Principals*
- Responsible for preparing the laboratory and explaining laboratory equipment and procedures to students.
  - Graded laboratory reports, quizzes, and homework assignments.
- Philadelphia Park Racetrack**, Bensalem, Pennsylvania, Summers and vacations, 2004-2005  
    *Phonebet Supervisor*
- Improved customer communication and managing skills while assisting managers in supervision of high volume inbound call center.
  - Supported staff of over 100 operators and customer service representatives while resolving account discrepancies and providing general information to customers and operators.
- Player Services Administrative Assistant*
- Assisted director in administrative duties and special projects. Used MS Word and Excel to update and complete departmental records.
  - Provided guest services to VIP players and guided them in usage of a new incentive program
- PROFESSIONAL AFFILIATIONS**      **AIChE, American Institute of Chemical Engineers**, 2005-present  
    *National Member*
- Attended two national student conferences; competed in national student poster competition
- Vice-President, Bucknell AIChE Student Chapter*, to begin Spring 2007
- Facilitate chapter meetings and coordinate group attendance at national conferences.
- Society of Women Engineers, Member**, 2004-present
- CAMPUS ACTIVITIES**      **Bucknell University Equestrian Team**, 2004-present, *Captain*, 2005-06  
    **Mini-Baja Club**, 2006-present