

# Sendy Priatna

609 Oak St. SE Apt. 2-13  
Minneapolis, MN 55414  
(612) 623-0148  
[pria0004@umn.edu](mailto:pria0004@umn.edu)

- EDUCATION**     **Bachelor of Chemical Engineering**  
UNIVERSITY OF MINNESOTA – TWIN CITIES  
GPA: 3.35/4.00; Institute of Technology Technical GPA: 3.46/4.00; Expected Date of Graduation: May 2005;  
Senior product design project involves working in a multidisciplinary team and with a mentor from Advanced Bio-Surfaces to design, and develop biocompatible polymer implants for knee joint restoration.
- Pre-Engineering**  
NORTH HENNEPIN COMMUNITY COLLEGE – BROOKLYN PARK  
GPA: 3.66/4.00; Secured 87th percentile in the 2002 National American Chemical Society Organic Chemistry exam; Phi Tetta Kappa
- RELEVANT COURSEWORK**     Momentum and Heat Transfer; Thermodynamics; Computational Method in Chemical Engineering; Separation Process; Reaction Kinetics and Engineering; Process and Product Design; Chemical Engineering Laboratory; Polymers; Biochemical Engineering
- EXPERIENCE**     **Undergraduate Researcher**     September 2004 – Current  
DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITY OF MINNESOTA, St. Paul, MN  
Working with graduate student in production of Poly(hydroxyalkanoates) (PHAs), especially P(3HB) in E. coli. Project involves preparing growth substrate medium, maintaining bioreactors, and analyzing the products and biomass using gas chromatography.
- Undergraduate Research Assistant**     June 2003 – September 2003  
DEPARTMENT OF ENTOMOLOGY, UNIVERSITY OF MINNESOTA, St. Paul, MN  
Provided technical assistance to graduate student by testing the resistance to Bt corn in wild populations of European Corn borer. Prepared larval dishes, colony cages, and adult insect diets. Maintained insect colonies in order to conduct this research.
- Peer College Tutor**     October 2000 – November 2001  
NORTH HENNEPIN COMMUNITY COLLEGE, Brooklyn Park, MN  
Assisted students in the application of skills and knowledge acquired in class and provided support and an individual approach to learning. Assisted students in subjects such as mathematics, chemistry and physics.
- COMPUTER SKILLS**     Capable of using Apple and PC computers  
Extensive experience with word processing, spreadsheets, and mathematics software; such as MATLAB and MATHEMATICA
- HONORS**     **Recipient**  
DEAN'S LIST OF THE INSTITUTE OF TECHNOLOGY FOR SPRING 2003;  
GLOBAL SEMINAR 2003 AWARD FOR BEST ANALYSIS AND DIMENSIONING IN STAIRCLIMBER PROJECT  
2001-2002 THE NATIONAL DEAN'S LISTS;  
2001 INTERNATIONAL STUDENT SCHOLARSHIP;
- ACTIVITIES**     **Participant**  
COMMUNITY BIBLE STUDY, Brooklyn Park Evangelical Free Church, Brooklyn Park, MN; September 2001 – April 2004  
MECHATRONICS GLOBAL SEMINAR, University of Zurich Applied Science, Winterthur, Switzerland; May 2003 – June 2003  
**Volunteer**  
ADMISSIONS AMBASSADOR, Office of Admissions, University of Minnesota, Minneapolis, MN; January 2003 – May 2003
- LANGUAGE**     Indonesian; Basic German

References available upon request