1998 IUPUI High School Mathematics Contest
Sponsored by Toyota M. M. I.
Mathematics and Baseball

- Contest Questions
- Contest Answers

Contest Winners

The 1998 IUPUI/TMMI Math Contest Prize winners Back row (standing): Jennifer Carlson, Hamilton Southeastern, $200 prize; Sandy Neuenschwander Ottensmann, Brebeuf, $200 elegant solution to Problem 4; Hollie Miller, Broadripple, $200 prize; Rebecca Ann Robertson, Monrovia, $100 honorable mention; Bryce Johnson, Center Grove, $200 elegant solution to Problem 3; Jie Chen, Franklin Community, $200 prize; Anna Marie Dittmer, Zionsville, $200 prize and $200 elegant solution to Problem 2; Lori Parcel, Center Grove, $200 prize. Front row (kneeling): Christopher Mihelich, Park Tudor, $200 elegant solution to Problem 1; Matthew Jacobs, Brebeuf, $500 first prize; Geoff Nelson, Carmel, $200 prize; Ben Rubin,
Ben Davis, $200 prize; Richard James Arnold, Arsenal Technical, $100 honorable mention; Amar Kumar, Carmel, $200 prize; Jeff Metzner, Center Grove, $200 excellent essay. Not pictured: Amanda Marie Jordan, Roncalli, $200 prize.

Ms. Joan Rocap, Sandy N. Ottensmann, and Matt Jacobs proudly display the school trophy won by Brebeuf Preparatory School.

Jennifer Carlson of Hamilton Southeastern High School accepts congratulations from Chancellor Gerald Bepko of IUPUI. Jennifer has been accepted at the Indiana Academy at Ball State University. Her teachers are Ms. Kathleen Robeson and Mr. Chris Willis.

Sandy N. Ottensmann (left) of Brebeuf Preparatory School accepts congratulations from Ms. Kathy Noland of the Indiana Department of Transportation. Also pictured (left to right) are: Ms. Anna Courter of TMMI; Professor Richard Patterson,
Contest Committee Chair; and Chancellor Gerald Bepko of IUPUI. Sandy is used to difficult challenges--she rides horses in fence jumping competitions! Her teacher is Ms. Joan Rocap.

Hollie Miller of Broadripple High School accepts congratulations from Ms. Anna Courter (left) of TMMI and Ms. Kathy Noland of the Indiana Department of Transportation. Hollie will attend Indiana University at Bloomington this fall. Her teacher is Mr. Dennis Wilson.

Rebecca Ann Robertson (above) of Monrovia High School accepts congratulations from IUPUI Chancellor Gerald Bepko. Rebecca is active in 4H and will travel to Washington, D.C. this summer. Her teacher is Ms. Linda Huttsell.

Bryce Johnson of Center Grove High School accepts congratulations from IUPUI Chancellor Gerald Bepko. Bryce is also a pianist who has recently given his 13th recital. His teacher is Ms. Dorothy Clements.
Jie Chen of Franklin Community High School accepts congratulations from IUPUI Chancellor Gerald Bepko. Her teacher is Mrs. Michelle Jones.

Anna Marie Dittmer of Zionsville High School accepts congratulations from Ms. Anna Courter (left) of TMMI and Ms. Kathy Noland of the Indiana Department of Transportation. Anna, a pianist and baseball fan, recently moved to Indianapolis from St. Louis. Her teacher is Ms. Jean Glore.

Lori Parcel of Center Grove High School accepts congratulations from IUPUI Chancellor Gerald Bepko. Lori wrote an interesting essay on the "Bose-Einstein Condensate," a "super-atom" form of matter that was produced in the lab only three years ago. Lori's teacher is Ms. Dorothy Clements.
Christopher Mihelich of Park Tudor School accepts congratulations from IUPUI Chancellor Gerald Bepko. Christopher was also a winner in the 1998 Westinghouse Science Talent Search, and plans to be a research mathematician. His teacher is Ms. Joanne Black.

Matt Jacobs (top photo) of Brebeuf Preparatory School accepts congratulations from Ms. Anna Courter (left) of TMMI and Ms. Kathy Noland of the Indiana Department of Transportation (INDOT). Also pictured (left to right) are Dr. Richard Patterson, chair of the Contest Committee, and IUPUI Chancellor Gerald Bepko. In addition to his $500 first prize, Matt won a summer internship with INDOT.

poses with Governor Frank O'Bannon after beginning his internship. Matt's teacher is Mr. Timothy Kelaghan.
Geoff Nelson of Carmel High School accepts congratulations from IUPUI Chancellor Gerald Bepko. Geoff's teacher is Mrs. Leslie Denton.

Ben Rubin of Ben Davis High School accepts congratulations from Ms. Kathy Noland of the Indiana Department of Transportation. Also pictured (left to right) are Dr. Richard Patterson, chair of the Contest Committee, and IUPUI Chancellor Gerald Bepko. Ben's teacher is Mrs. Shirl Henderson.

Richard Arnold of Arsenal Technical High School accepts congratulations from Ms. Kathy Noland of the Indiana Department of Transportation. Also pictured in back are (left to right) Ms. Sharon Rangazas of the Contest Committee; Dr.
Richard Patterson, chair of the Contest Committee; and IUPUI Chancellor Gerald Bepko. Richard's Teacher is Major Lilibeth F. Goldshine.

Amar Kumar of Carmel High School accepts congratulations from Ms. Anna Courter (left) of TMMI and Ms. Kathy Noland of the Indiana Department of Transportation. In back are Dr. Richard Patterson (left), chair of the Contest Committee, and IUPUI Chancellor Gerald Bepko. Amar's teacher is Ms. Nancy Schulenburg.

Jeff Metzner of Center Grove High School accepts congratulations from Chancellor Gerald Bepko of IUPUI. Among other things, Jeff is president of the Key Club at Center Grove. His teacher is Ms. Dorothy Clements.

Mrs. Louise Werner of Roncalli High School accepts congratulations from IUPUI Chancellor Gerald Bepko on behalf of Amanda Jordan. Mrs. Werner is Amanda's teacher at Roncalli.