

FERMILAB NEWS

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JOHN P. BLEWETT VISITS FERMILAB TO TALK ABOUT HIGH ENERGY PHYSICS

One of the stories Dr. John Paul Blewett likes to tell his friends is about the "mental picture I get of the Lord in Heaven gathering together his scientific advisors and telling them that Brookhaven soon will have 800 GeV center-of-mass collisions.

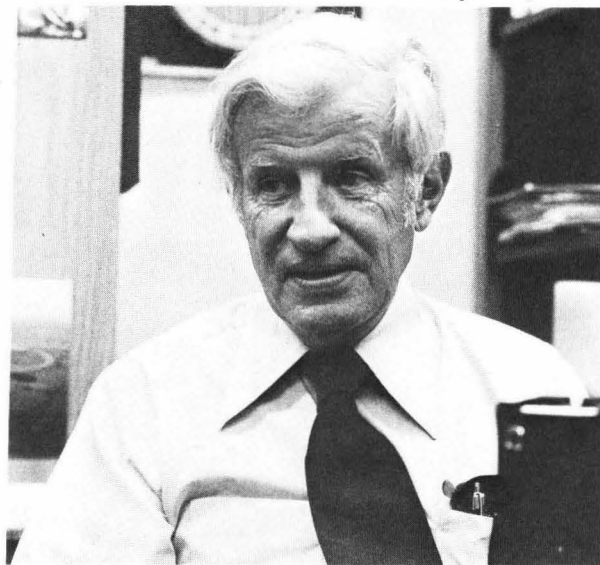
"This level has not appeared in nature before," the Lord continues. "What will we give them for a phenomenon?" The silver-haired grandmaster of high energy physics was answering with that story a question he had been asked about the future direction of high energy physics.

As friends and admirers gathered around him following his talk May 11 about his personal reminiscences, he also was asked to assess the major problem high energy physics research faces in this country. "Getting enough money," he replied. The area is becoming so sophisticated that it is getting harder and harder to explain it to the public and to Congress, he added.

Blewett retired about a year ago after working for 33 years at Brookhaven National Laboratory. Before he retired, he was in charge of the laboratory's energy program. He is now a consultant to the director's office, and is working on the electron storage ring that will lead to the study of synchrotron intense ultra-violet radiation and x-rays. He wrote the proposal for the \$24-million project, now into its second year of construction.

In looking back along his life's trail, Blewett said in an interview before his talk that one of the experiences that made him the "most nervous" and also gave him the "most pleasure when it was finished" was the construction of the cosmotron, the first machine to reach 1 GeV. That was in 1952.

And another episode in his life that gave him considerable satisfaction was the time he spent helping other scientists consolidate CERN at Geneva. Before that,



...Dr. John P. Blewett...

high energy particle physics research was "spread all over Europe." He recalls the date as September 1953 when "we finally all moved to Geneva."

Besides physics, Blewett enjoys sail-boating with a friend "who is not a physicist." This man turns out to be the husband of Yvonne Winterbottom, who was Blewett's assistant when he was editor of *Particle Accelerators*, a journal he founded in 1970. Blewett also goes on camping trips, and only a year ago started playing the piano. He lives near the south shore on the north arm that curls around Peconic Bay, Long Island.

In his talk here, Blewett told about his most exciting memories from the five periods of his life: 1--his undergraduate days at the University of Toronto; 2--his graduate years at Princeton University; 3--his postgraduate experience at Cambridge University; 4--his 10-year employment with General Electric at Schenectady, N. Y.; and, 5--his long association with Brookhaven.

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URA AWARDS SCHOLARSHIPS TO 17 STUDENTS

Seventeen high school seniors have been awarded college scholarships by Universities Research Association, the governing body of Fermilab.

The students, who are finishing their senior year in high school this month, are sons and daughters of Fermilab employees. Their scholarships pay for tuition and fees at the college or university of their choice and are renewable on a year-to-year basis. The maximum amount of a one-year scholarship is \$2,000.

The awardees were selected from an applicant pool of 37, the largest to date. The young men and women are:



Bardeen



Benjamin



Chizzo



Fast

CHARLES G. BARDEEN, son of William A. Bardeen, Theory Group physicist, plans to study electrical engineering or physics at University of Illinois, Urbana-Champaign. He will be graduated from Glenbard West High School, Glen Ellyn.

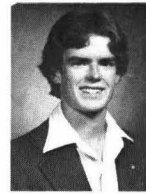
ANITA BENJAMIN, daughter of Roy Rubinstein, Main Ring Group physicist, plans to study engineering physics at University of Illinois, Urbana-Champaign. She will be graduated from Glenbard West High School.

PEGGY A. CHIZZO, daughter of Charles Chizzo, Physics Department electronics and mechanical technician, plans to study speech and hearing science at University of Illinois, Urbana-Champaign. She will be graduated from Proviso West High School, Hillside.

STEPHEN FAST, son of Ron Fast, physicist, Research Services Department, Cryogenics Group, plans to study liberal arts, Knox College, Galesburg, Ill. He will be graduated from Batavia High School.



Hale



Kleber



Kowalski



Martin

MARK A. HALE, son of Garvie Hale, Physics Department technician, and Phyllis Hale, Users Office secretary, plans to study pre-law, with economics his field of concentration, at Loyola University of Chicago. He will be graduated from Yorkville High School, Yorkville.

EVAN V. KLEBER, son of Francis T. Kleber, executive assistant, Magnet Facility, Technical Services Division, plans to major in chemistry at Vanderbilt University, Nashville, Tenn. He will be graduated from St. Charles High School.

BRIAN K. KOWALSKI, son of John Kowalski, head of Drafting Services, and Nancy Kowalski, expeditor in purchasing, plans to study physics and to prepare for a military career at Virginia Military Institute. He will be graduated from Downers Grove South High School.

STEVEN MARTIN, son of Myrtis Martin, senior clerk in safety and radiation physics, plans to study aeronautical engineering at either Southern Illinois University or University of Texas, El Paso. He will be graduated from West Aurora High School north campus.



Ohrn



O'Meara

MARK F. OHRN, son of Carl Ohrn, machinist in the machine shop, plans to study business and computer sciences at Northern Illinois University, DeKalb, or at Western Illinois University, Macomb. He will be graduated from Glenbard West High School.

TIM O'MEARA, son of John O'Meara, engineer, Energy Doubler, plans to study engineering at Purdue University. He will be graduated from Wheaton-Warrenville High School.



Pearson



Read



Shea



Solis

CAROLYN A. PEARSON, daughter of Margaret Pearson, Public Information, plans to study interior design and business at Drexel University, Philadelphia. She will be graduated from Wheaton North High School.

ANDREW READ, son of A. L. Read, physicist, plans to study computer engineering at University of Illinois, Urbana-Champaign. He will be graduated from Wheaton North High School.

THOMAS J. SHEA, son of Michael Shea, physicist, Controls Group, Accelerator Division, plans to study computer science at Illinois Benedictine College, Lisle. He will be graduated from Benet Academy, Lisle.

ROBERT SOLIS, son of Martin Solis, senior mechanical technician, Proton Laboratory, plans to prepare for a dental career at Aurora College. He will be graduated from Aurora Central Catholic High School.



Turkot



Walker



Yamada

CARRIE A. TURKOT, daughter of Frank Turkot, Accelerator Division physicist, and Pat Turkot, Research Division, plans to study biology at the University of Illinois, Urbana-Champaign. She will be graduated from Wheaton-Warrenville High School.

TIMOTHY L. WALKER, son of Ronald J. Walker, head, Refrigeration Department, Doubler Magnet Division, plans to attend Northern Illinois University, DeKalb. He will be graduated from Naperville Central High School.

SEIJI YAMADA, son of Ryuji Yamada, physicist, Colliding Detection Facility, plans to study physics at Harvard University. He will be graduated from Naperville High School.

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...Roy Jeffries and Trever...

ROY JEFFRIES AND TREVER SEEK RIDES

By now many Fermilab people have met Roy E. Jeffries and Trever, his black Labrador retriever guide dog.

Jeffries, who works as a laboratory assistant in the Computer Department, lives in the western part of Aurora. He has been relying on friends and Fermilab employees to drive him to and from work. Yet, he and Trever still need to find more persons who will provide transportation. Jeffries can be reached at Ext. 3836. If he's not available, then he suggested persons call his friend, Graciela Finstrom, Ext. 3447.

Jeffries has a special request. He asks persons not to pet or feed Trever. While he recognizes their natural tendency to be friendly toward Trever, the additional attention does distract the dog, who will be 4 years old in July.

On May 22, Jeffries will undergo eye surgery at Central DuPage Hospital in the hopes that his sight can be improved.

He and his wife, Jo, have a daughter, Tracie, who will be 8 in June. She was so pleased when her father joined Fermilab that she wrote in the "Second Grade News" published at Aurora Christian School: "My dad got a job Tuesday. We praise the Lord. He works at Fermilab. I think it is wonderful."

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FERMILAB MIXED BOWLING LEAGUE 1978-79 SEASON AWARDS AND RESULTS

NEW OFFICERS

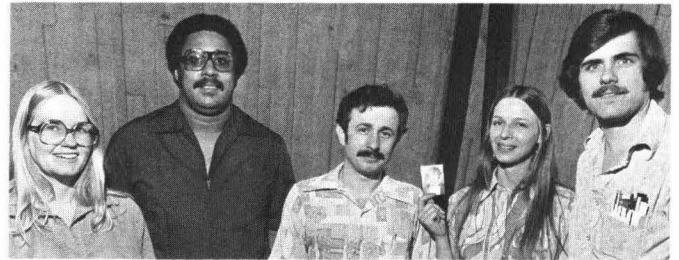
Sharon L. Koteles, president
John Robb, vice president
Linda L. Even, secretary-treasurer
Jackie Coleman recording secretary



...New officers, L-R, Sharon L. Koteles, Linda L. Even, Jackie Coleman and John Robb...

FIRST PLACE TEAM

Mike Wilks, captain
Richard Downs
Robert Florian
Barbara Kristen
Paul Kurylo



...Individual honors, L-R, Sharon Lackey, Keith Coiley, Karl Varga, Jackie Coleman and Allen Forni...

SECOND PLACE TEAM

Joyce Dieter, captain
Guy Farnsworth
Michael Frett
Roy Martins
Helen McCulloch

MOST IMPROVED BOWLER

Sharon Lackey, plus 15 pins
Keith Coiley, plus 13 pins

HIGH AVERAGE

Jackie Coleman, 154
Karl Varga, 187

HIGH SERIES

Jackie Coleman, 562
Allen Forni, 680

HIGH GAME

Joyce Dieter, 249
Randy Schenk, 279



...First place team, L-R, Robert Florian, Mike Wilks, Barbara Kristen, Richard Downs and Paul Kurylo...



...Outgoing officers, L-R, Karl Varga, president; Debra Stitts, recording secretary; Marion Richardson, secretary-treasurer; and Larry Tate, vice president...



...Second place team, L-R, Guy Farnsworth, Helen McCulloch, Roy Martins, Mike Frett and Joyce Dieter...