

LNS NEWS

March 15, 1983

Lab. for Nuclear Sci.
M.I.T.

Cambridge, Ma.

Vol. 2 No. 2

NEWCOMERS:

Peter Binns - is a NU Coop Student at Bates.

Marisa L. Greene - transferred to the Laboratory from the Energy Lab. Mrs. Greene is a 1977 graduate of the University of Cincinnati.

So-Young Pi - Research Affiliate of the Center for Theoretical Physics. Dr. Young is collaborating with Alan H. Guth.

Yvan Saint-Aubin - Sponsored Research Staff Visitor with the Center for Theoretical Physics, particle theory group. Dr. Saint-Aubin is from the University of Montreal Canada and has been awarded a postdoctoral fellowship by the Natural Science and Engineering Research Council of Canada.

Osamu Sasaki - Sponsored Research Staff Visitor from Tohoku University is working with the pion spectrometer group at Bates.

Carlos Willmott - Sponsored Research Staff Visitor from Junta de Energia Nuclear Madrid, Spain. Dr. Willmott is with the EMI group and will help to develop the electronics for LEP-3 chambers.

BIRTHS

Kevin and Suzanne O'Keefe (Machine Shop) on the birth of their son Ryan Michael born January 31, 1983. Ryan Michael was 6 lbs. 7 oz.

Wayne (Bates) and Patricia (Accounting) Ryan on the birth of their son Nicolas, born January 7, 1983. Nicolas was 6 lbs. 2 oz.

Joe (Bates) and Gail St. Hilaire on the birth of Abigail on January 10, 1983.

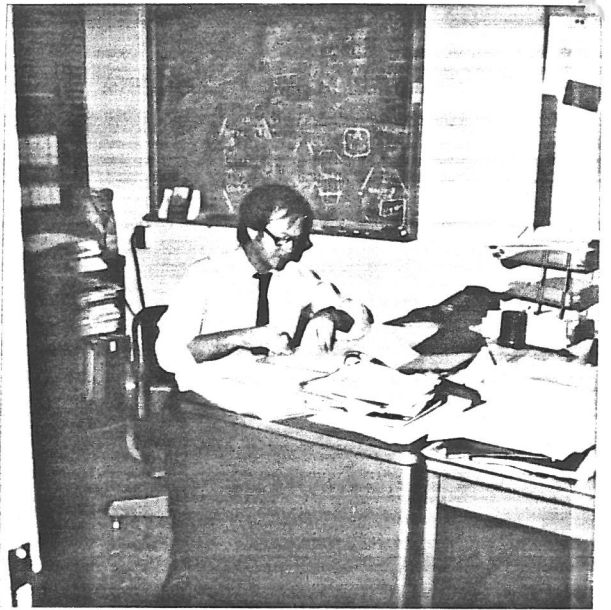
Steven (Heavy Ion) and Brigette Steadman on the birth of their daughter Claudia born January 13, 1983. Claudia was 8 lbs. 10 oz.

UNITED WAY:

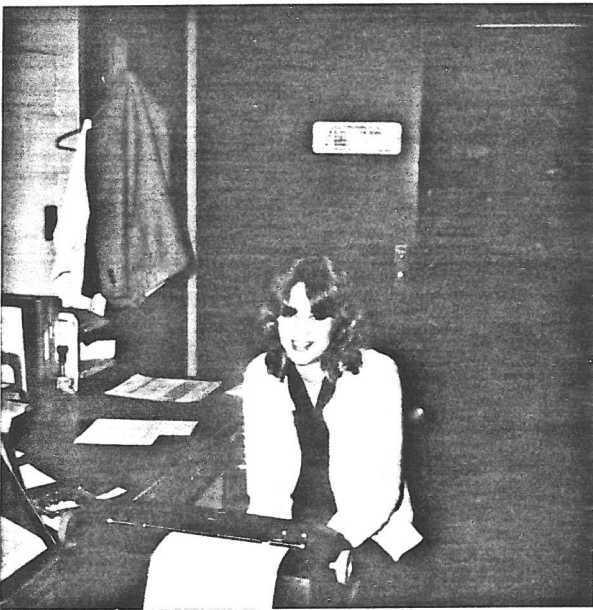
The Laboratory's United Way statistics were considerably improved over last year's figures. There was 36.7% participation over last years 9%.



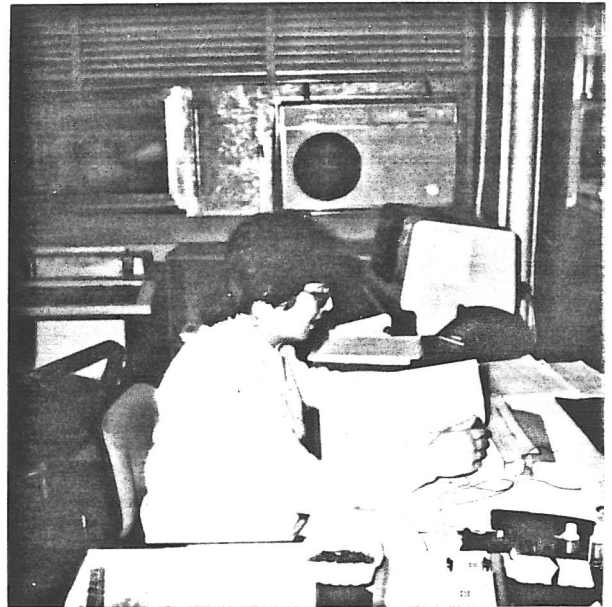
Donna Henderson, Steve Steadman, and Anna Verhulst discussing MASS11



Arthur J. Scully - Accounting, balancing the budget.



Donna Sears - Purchasing, types a purchase order.



Marisa Greene at her desk in LNS Accounting. Marisa transferred from Energy Laboratory.

BOWLING NEWS:

By: Judy Gould

Congratulations are in order to the winners of First Place for the Fall '82 bowling season. After a harrowing 15 weeks of fierce competition, Team IV emerged triumphant. Cheers to TOM DECHICCO, CHARLIE FORTE, and CHERYL MURPHY for a well-earned victory. (What is Tommy going to do with all his trophies?)

Welcome to new bowler SKIP GOULD, who is on loan to us every Wednesday from Spectrum Color Lab and who now has the highest single game in League history.

Bowling scores have improved immeasurably this season, and there's quite a line-up of 200+ games: SKIP GOULD, 231; TOM DECHICCO, 222 and 208; MARTIN SCHULZE, 216; CLIFF PEACOCK, 207; CHARLIE CORMIER, 203, and HARVEY LANDER, 200. Okay, guys, its time for someone to have a 300 game!

The WinterSpring '83 season commenced on Wednesday, January 26th. We are looking for new bowlers, alternates, and beer-drinkers. LADIES, PLEASE NOTE: the LNS Bowling League is comprised of FIVE women and THIRTEEN (count 'em!) men -- so sign up NOW in the LNS Bowling Office (26-519)!

COMPUTER NEWS:

Version 2C of our MASS-11 Word Processing and DBM system on node MARIE of the VAX is working fine. The new Version 3 will be on PIERRE and MARIE. It has quite a few extra features and is faster. We have received the tapes and manual for the new version, which will have an equation editor, is compatible with DEC files (interfaces with DECNET and VAXMAIL), and with DEC EDT Editor, SUPERCOMP 20. The advantage of Mass-11 over other text editors and formatters is that "WHAT YOU SEE IS WHAT YOU GET" on the screen. All we need now are some printers. If you would like more information or help with training, please contact Anna Verhulst at 3-2388

NEWS FROM BATES:

Bates has just recently completed and submitted to the Department of Energy a "Proposal for a Long-Range Expansion Program". Briefly, this calls for an electron linear accelerator capable of delivering multiple high-quality beams of the order of 100 μ A and 100% duty factor at energies in excess of 1 GeV and possibly as high as 4 GeV.

A series of courses were offered during January and February shutdown period at Bates. These courses were designed to introduce people to new areas as well as to upgrade old skills. These courses are

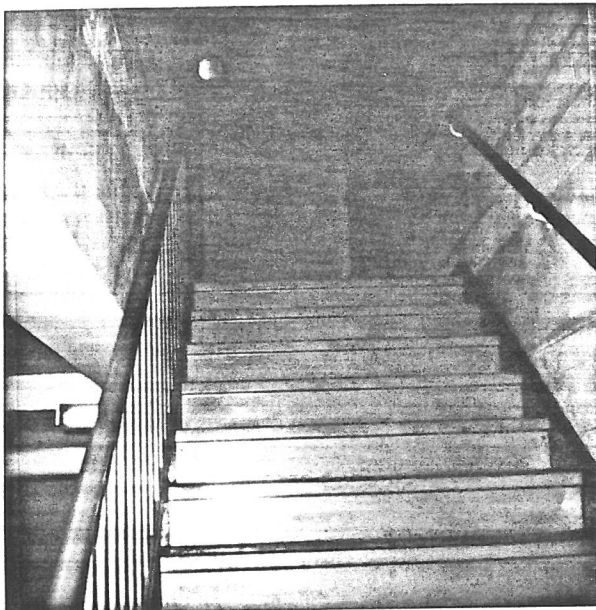
- 1) Microprocessor Theory and Use - Tom Russ
- 2) Beam Dynamics & Operation - Jay Flanz
- 3) Instrumentation & Controls - Tom Russ
- 4) Vacuum Systems - Don Biron
- 5) Radiation Safety - Gerry Fallon
- 6) CPR New & Refresher - Dick Keating
- 7) First Aid - Dick Keating

Tom Russ has been designated Group Leader of the newly-established Linac Controls Group.

Steve Dytman has left Bates for a position at the University of Pittsburgh and Gary Adams has gone to the University of South Carolina. Both will continue their research at Bates.

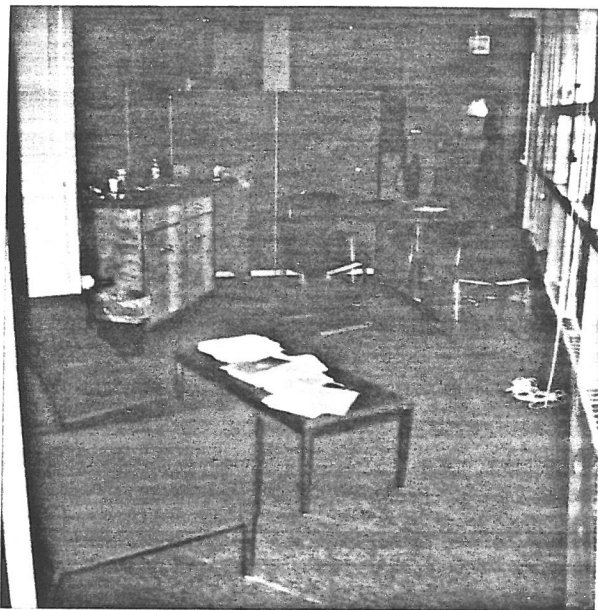
George Bernhardt and Justin Wong received M.S. degrees in January, 1983. George's thesis was "Electron Scattering from Cilicon 30" and Justin's was "Electro-excitation of Unnatural Parity States in ^{40}Ca ". Benjamin Craft received his Ph.D. in September on "The Photodisintegration of the Deuteron, $E_{\gamma}=50=350$ MeV.

Nick Saia has been transferred to Bates from the LNS drafting shop. Welcome, Nick!



This dark passageway leads to the Bldg. 26 newly renovated penthouse. The atmosphere is quiet due partially to the "landscaping" structures which absorb sound. The Medium Energy graduate students who work there like it because it is out of the mainstream of activity.

Bill Cecconi a retired machinist from the LNS shop died at his home of a heart attack, Thursday, January 28, 1983. Bill worked in the shop from 1946 until June of 1978.



The Lounge area in the Penthouse.

PROMOTIONS:

Douglas G. Fong was promoted to Research Scientist and is a member of the Electromagnetic Interaction Group at DESY in Hamburg, Germany. He received his Ph.D. from California Institute of Technology.

Padmanabhan Haridas was promoted to Research Scientist. Dr. Haridas is a member of the APC group and received his Ph.D. from Tufts University.

William Wade Sapp, Jr. was promoted to Research Scientist and is a member of the Bates Staff. Dr. Sapp received his Ph.D. from the College of William and Mary.



Busy at Work

Karen Flodman



Steinar Hoibraten

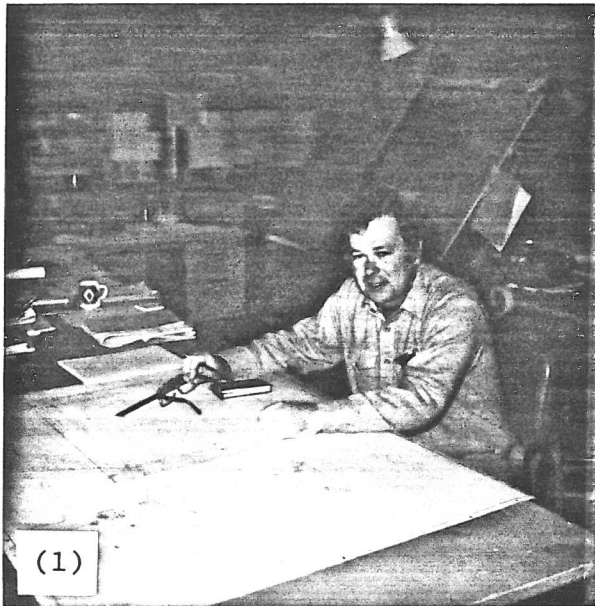


Stephen Wood at a Computer Terminal

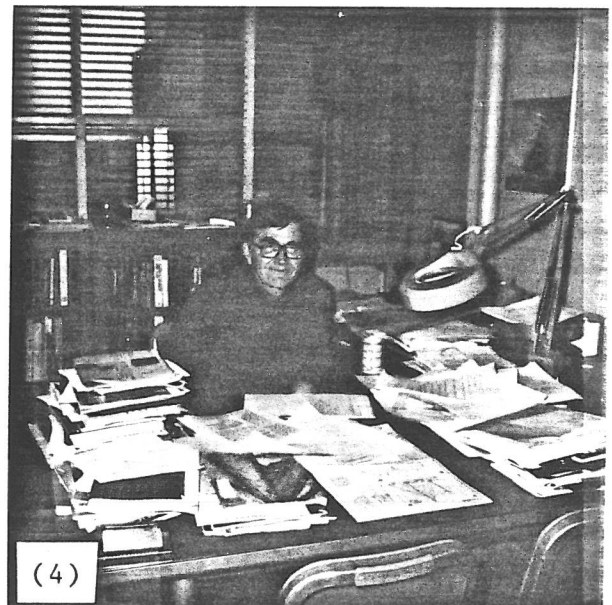
The entire penthouse area was designed by Robert W. Calileo, General Services and with input from Physical Plant, decorated and remodeled.

DRAFTING:

(Bruce Bailey, Dave McCurley, Doug Nicoll, and Grace Rowe) provide design, layout and mechanical detailing services as well as ink drawings such as graphs, figures, and schematics. They can furnish you with ozalid prints and transparencies. The drafting area also has a Leroy lettering machine.



1. Dave McCurley
2. Doug Nicoll
3. Grace Rowe
4. Bruce Bailey



NOTEWORTHY NOTES

Emil DeAgazio, retired electronics engineer is hospitalized at the Mt. Auburn Hospital, 111 Mt. Auburn Street, Cambridge, MA if you wish to send him a get well card.

Bob Johnson is out sick, if you'd like to remember him with a card, his address is 112 Trowbridge Street, Cambridge, MA 02138

The Bates Program Advisory Committee began their meeting on Sunday, March 6, 1983 which extended to Wednesday, March 9, 1983

The Personnel Department is offering three programs: Being Interviewed, Resume Writing and Time Management. If you are interested in any of these programs, contact Dick Adams or Jean Flanagan for an application form.

The following exempt staff members became Sponsored Research Staff 1 Feb. 1983.

Mario Aloisi
Charles Blake
Merle Carter
Charles Forte
John Gostanian
Judy Gould
David Kelly
David McCurley
Nicholas Saia
Albert Vaudo

Alan Dubroc, Senior Secretary for Medium Energy Physics Group, played a role in Black Comedy. The performance by Alan was of course, outstanding. Kudos Alan!

Joseph V. Scrima, son of Mary Scrima and the late Vincent Scrima, was married September 4, 1982 to Karen Crosskill of Libon Fall, Maine.

Joseph, a musician, whose most recent musical credit is his performance on the soundtrack of the film "E.T." Info from: Somerville Journal, 18 Nov. 1982

Carol Ann, daughter of David and Patricia Kelley, was married on January 8th to Eric Battino of Richfield, Connecticut. Eric is a student at Barrington College.

Judy Gould, of the LNS Purchasing Office, is hospitalized at the Mt. Auburn Hospital, if anyone would like to send a card. Hope you are feeling better soon, Judy!

IN CLOSING:

Thanks to M. Carter, G. Fiumara, J. Gould and W. Lobar for sharing news with us.

Thanks to D. Henderson for her typing support.

If you have good news that you'd like to share with your co-workers, please send it along to Jean Flanagan, 26-505.

Written by: J.P. Flanagan
LNS 26-505