

July 13, 1983

MEMORANDUM

TO: Bruce Poulton
FROM: N. N. Winstead
RE: Nomination for Recognition Award
for Young Scholars - AAUW

Dr. Clark solicited nominations for this award from each Dean -- only Dean Legates had a nominee. In this case Dr. Cathy Laurie-Ahlberg is a good nominee.

Attached are completed: nomination form, nomination letters from Legates and Scandalios, and a suggested letter from you. It requires a letter from the Head of the Institution. If you feel a need to revise the letter, do so but I went ahead and prepared in on your stationery.

The nomination is due Friday, July 15, 1983.

CJ
Attachments

July 13, 1983

Dr. Kay Kohl, Director
Educational Foundation Programs
American Association of University Women
2401 Virginia Avenue, N. W.
Washington, DC 20037

Dear Dr. Kohl:

I join with Dean J. E. Legates and Dr. John Scandalios in supporting the nomination of Dr. Cathy Laurie-Ahlberg for the "Recognition Award for Young Scholars" of the American Association of University Women Educational Foundation for 1984-1985. Dr. Laurie-Ahlberg is a distinguished teacher and scholar and has already made significant contributions as an outstanding experimental population geneticist.

I am indeed pleased to recommend Dr. Laurie-Ahlberg for this significant award.

Sincerely,

Bruce R. Poulton
Chancellor

CJ



Office of the Dean
Box 3847, Zip 27650
919-737-2668

North Carolina State University

School of Agriculture and Life Sciences
Academic Affairs, Extension & Research

July 13, 1983

Dr. Kay Kohl, Director
Educational Foundation Programs
American Association of University Women
2401 Virginia Avenue, N. W.
Washington, D. C. 20037

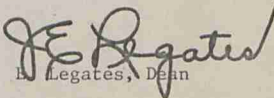
Dear Dr. Kohl:

It is a distinct privilege to endorse the nomination of Dr. Cathy Laurie-Ahlberg for the "Recognition Award for Young Scholars" of the American Association of University Women Education Foundation for 1982-83. Dr. Laurie-Ahlberg has developed an imaginative and productive research program since joining our faculty in Genetics in 1977. Her research has brought into focus a new investigative arena jointly involving biochemical and population genetics.

Dr. Laurie-Ahlberg is a dedicated scientist and teacher who contributes freely and significantly to our academic community. She is deeply committed to a scientific career, and she has already established herself as an outstanding experimental population geneticist. I might add that my own field of inquiry was involved in population genetics.

We are pleased to have this opportunity to submit her nomination.

Sincerely,


J. B. Legates, Dean

JEL: pb



North Carolina State University
School of Agriculture and Life Sciences

Department of Genetics
Box 5487, Raleigh, NC 27650
(919) 737-2292

July 8, 1983

Dr. Kay Kohl
Educational Foundation Programs
American Association of University Women
2401 Virginia Avenue, N.W.
Washington, D.C. 20037

Dear Dr. Kohl:

It is a great pleasure and honor for me to support the nomination of Dr. Cathy Laurie-Ahlberg for the "Recognition Award for Young Scholars" of the American Association of University Women Education Foundation for 1982-1983. Dr. Laurie-Ahlberg is a young, enthusiastic and productive scientist, and we have every indication that she will continue to be productive and in the forefront of modern genetics.

Dr. Laurie-Ahlberg received her B.S. degree (summa cum laude) in zoology in 1971 and her Ph.D. degree in genetics in 1976; both at the University of Minnesota. She was a NIH Postdoctoral Research Fellow in Genetics at the University of Wisconsin (1976-1977), and in 1977 she joined the Department of Genetics here as Assistant Professor.

Cathy's major research interests and training are in the area of experimental population genetics, particularly the extent and adaptive significance of enzyme variability, both structural and regulatory, in natural populations of *Drosophila*. Her research effort to date, since joining our department, has led to five published papers and two others currently in press; all in the most prestigious refereed journals in her field.

Dr. Laurie-Ahlberg has recently received a three year Research Grant from the National Institutes of Health to support her research program. In addition, she has participated in an ongoing NIH-sponsored Program Grant in quantitative genetics, which is jointly operated by the departments of Genetics and Statistics. It is not an overstatement in saying that Cathy is the most prolific experimentalist in the Program Grant and was a significant factor in its recent renewal. She has interacted very well with other members of our department. This interaction has led to her success in interfacing certain aspects of biochemical and population genetics.

Cathy, in collaboration with her associates, has recently demonstrated the existence of high levels of quantitative genetic variation in the catalytic activities of a number of enzymes in *Drosophila* populations. Most of the enzymes investigated show activity variations attributable to factors that are not linked to the respective structural genes. These unlinked activity modifiers identify possible "regulatory" elements. These findings will certainly open up new vistas for investigations in population and quantitative genetics.

Dr. Kay Kohl

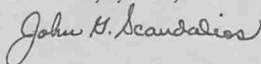
July 8, 1983

Page 2

In addition to her active research program, Dr. Laurie-Ahlberg teaches a course on "Evolution" and a mincourse on "Population Genetics." She is an extremely competent, conscientious, and popular teacher.

In general, we are very fortunate to have this young person on our faculty. She contributes positively to the intellectual atmosphere of the department, and is a pleasant and valued colleague. There is no doubt that Cathy is rapidly attaining significant stature in the area of experimental population genetics. I therefore recommend her for this honor with a great deal of enthusiasm.

Sincerely yours,



John G. Scandalios
Professor and Head
Department of Genetics

JGS:jgb

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN EDUCATIONAL FOUNDATION
NOMINATION FOR AAUW RECOGNITION AWARD

To a young American woman scholar under 35 who has
demonstrated great potential for achievement

Name Cathy C. Laurie-Ahlberg

Address Department of Genetics, North Carolina State University

City Raleigh State NC Zip 27650

Date and place of birth August 27, 1949
Minneapolis, Minnesota

Education University of Minnesota, Zoology, B.S. 1971
University of Minnesota, Genetics, Ph.D. 1976

Professional experience

1982-present	Associate Professor of Genetics Dept. of Genetics N.C. State University Raleigh, N.C.
1977-1982	Assistant Professor of Genetics Dept. of Genetics N.C. State University Raleigh, N.C.
1976-1977	NIH Postdoctoral Research Fellow Dept. of Medical Genetics Univ. of Wisconsin at Madison Madison, WI
1971-1976	Graduate research and teaching assistantships; Dept. Genetics and Cell Biology University of Minnesota St. Paul, MN

Honors, publications, and other professional recognition

B.S. awarded summa cum laude
NIH Individual Postdoctoral Fellowship 1976 (declined)
(see attached list of Publications)

Basis for nomination: Outstanding contributions in area of
specialization
(Please attach news clippings and other supporting materials)

*She has, in a short period, developed and maintained an excellent
research program. She has managed to obtain support. Her graduate
students are well trained.*

Future career plans and potential

To continue her career in research and teaching. Her potential in becoming a future leader in the area of experimental population genetics is excellent.

Nominated by (name and institution)

School of Agriculture and Life Sciences
North Carolina State University

Date July 8, 1983

PUBLICATIONS:

1979 Laurie-Ahlberg, C. C. and D. J. Merrell. Aldehyde oxidase allozymes, inversions and DDT resistance in some laboratory populations of Drosophila melanogaster. Evolution 33:342-349 (1979).

Laurie-Ahlberg, C. C. and B. S. Weir. Allozymic variation and linkage disequilibrium in some laboratory populations of Drosophila melanogaster. Genetics 92:1296-1314 (1979).

1980 Laurie-Ahlberg, C. C., G. Maroni, G. C. Bewley, J. C. Lucchesi and B. S. Weir. Quantitative genetic variation of enzyme activities in natural populations of Drosophila melanogaster. Proc. Natl. Acad. Sci. USA 77:1073-1077 (1980).

1981 Laurie-Ahlberg, C. C., J. H. Williamson, B. J. Cochrane, A. Wilton and F. I. Chasalow. Autosomal factors with correlated effects on the activities of the glucose 6-phosphate and 6-phosphogluconate dehydrogenases in Drosophila melanogaster. Genetics 99:127-150 (1981).

Curtsinger, J. W. and C. C. Laurie-Ahlberg. Genetic variability of flight metabolism in Drosophila melanogaster. Genetics 98:549-564 (1981).

1982 Maroni, G., C. C. Laurie-Ahlberg, D. A. Adams and A. N. Wilton. Genetic variation in the expression of ADH in Drosophila melanogaster. Genetics 101:431-446 (1982).

Laurie-Ahlberg, C. C., A. N. Wilton, J. W. Curtsinger and T. H. Emigh. Naturally occurring enzyme activity variation in Drosophila melanogaster. I. Sources of variation for 23 enzymes. Genetics 102:191-206 (1982).

Wilton, A. N., C. C. Laurie-Ahlberg, T. H. Emigh and J. W. Curtsinger. Naturally occurring enzyme activity variation in Drosophila melanogaster. II. Relationships among enzymes. Genetics 102:207-221 (1982).

Stam, L. F. and C. C. Laurie-Ahlberg. A semi-automated procedure for the assay of 23 enzymes from Drosophila melanogaster. Insect Biochem. 12:537-544 (1982).

Laurie-Ahlberg, C. C. Genetic, ontogenetic and tissue-specific variation of dipeptidases in Drosophila melanogaster. Biochem. Genet. 20:407-424 (1982).

1983 Invited:

Laurie-Ahlberg, C. C. Genetic variation affecting the expression of enzyme-coding genes in Drosophila: An evolutionary perspective. In: Isozymes: Current Topics in Biological and Medical Research, Ed. by M. C. Rattazzi, J. G. Scandalios and G. S. Whitt, Alan R. Liss, Inc., N.Y. (in press)(1983).



Office of the Dean
Box 5847, Zip 27659
919-737-2668

North Carolina State University

School of Agriculture and Life Sciences
Academic Affairs, Extension & Research

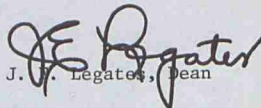
Neenah Bond
25% COTTON FIBER

July 8, 1983

MEMORANDUM TO: Associate Provost Lawrence M. Clark

SUBJECT: Nominee for AAUW Educational Foundation Award

We are pleased to forward supporting information for Dr. Cathy Laurie-Ahlberg for the AAUW Educational Foundation Award. Dr. Ahlberg is a strong candidate. If we can provide further information please let me know.


J. V. Legates, Dean

JEL: pb

cc: Dr. John G. Scandalios

Enclosure



North Carolina State University
School of Textiles

Office of the Dean
Box 5006, Raleigh 27650
Tel (919) 737-3231

June 20, 1983

Dr. Lawrence M. Clark
Associate Provost
201 Holladay Hall
NCSU Campus

Dear Dr. Clark:

Unfortunately the School of Textiles does not have anyone who qualifies for the AAUW Educational Foundation Awards at this time.

Thank you for giving us the opportunity to participate.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "Nancy".

Nancy Martin
Admin. Secretary to
D. S. Hamby
Dean

m



North Carolina State University

P. O. Box 5067, Raleigh, N. C. 27650

Office of the Provost
and Vice-Chancellor

June 17, 1983

MEMORANDUM

TO: School Deans

FROM: Lawrence M. Clark *L M Clark*
Associate Provost

RE: Nominations for AAUW
Educational Foundation Awards

Would you review the attached letter from the American Association of University Women Educational Foundation pertaining to nominations for the Foundation's two awards which will be presented at the AAUW National Convention in June 1984.

Please forward to me by July 8, 1983, your nominees along with vitae and two appropriate letters of recommendation for the Provost or Chancellor.

Perhaps we should give more attention to the Recognition Award for Young Scholars than the Achievement Award.

CJ
Attachments



AAUW Educational Foundation

philanthropic arm of the American Association of University Women
2401 Virginia Avenue, NW, Washington, DC 20037
(202) 785-7700

*Clark - what about
are ^{Ray} ~~Rein~~ Dr. Rajala & c
of the rejected*

*Please come up
w/ someone w/
set material prepared
TX
DW -*

May 1983

Dear Colleague:

On behalf of the American Association of University Women Educational Foundation, I would like to invite you to nominate a young woman for the 1984-85 Recognition Award for Young Scholars. The woman selected will be honored at the AAUW State Leaders' Conference in Washington, D.C. in June 1984.

This year's recipient of the Recognition Award for Young Scholars is Lee F. Limbird, Assistant Professor of Pharmacology at Vanderbilt University, whose research has focused on how drugs, hormones, and neurotransmitters pass signals from cell surfaces to their interiors. Captain Grace Murray Hopper, inventor of the computer language COBOL (Common Business-Oriented Language) and oldest officer on active duty in the U.S. Navy, will receive the companion Achievement Award. Women of such high caliber as Limbird and Hopper continue to be identified because of your assistance. We thank you for your efforts.

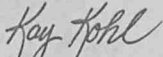
The Recognition Award for Young Scholars carries an honorarium of \$2,000. A nomination form is enclosed and should be accompanied by three letters of recommendation. One should be from the president or an equally qualified official of an accredited academic institution, if the nominee is affiliated with such an institution. A second recommendation should come from the nominator; and if the nominee is affiliated with a nonacademic institution, a third should be submitted from a person in a top managerial position or an authority in her field. Nominees for the award must meet the following conditions:

1. Less than 35 years of age at the time of nomination.
2. Earned a doctorate or its equivalent.
3. At least one outstanding contribution in the academic and/or professional field of her choice.
4. Potential for achievement (indicated by past accomplishments and letters of recommendation) in an academic discipline or professional field.

JUN 3 - 1983

AAUW invites you to submit the name and supporting data for a woman you think qualifies for this award. Please send your nomination to me at the above address no later than July 15, 1983.

Sincerely,

A handwritten signature in cursive script that reads "Kay Kohl".

Kay Kohl, Ph.D.
Director
Educational Foundation Programs

KK:ph
Enclosures