

Looking back on 30 years of the Journal of Statistics and Data Science Education with some of the founders (October 19, 2021)



Joan Garfield



Tim Arnold



Jeffrey Witmer

CAUSE/JSDSE webinar series

**Welcome from our
host and moderator**



Nicholas Horton (Amherst College)

What's new in the journal?



Latest articles

Article

**Diagnosing Data
Analytic Problems
in the Classroom** >

Roger D. Peng et al.

Published online: 11 Oct 2021



Article

**Using Team-Based
Learning to Teach
Data Science** >

Eric A. Vance

Published online: 1 Oct 2021



Article

**Fitting Percentage of
Body Fat to Simple
Body Measurements:
College Women** >

Roger W. Johnson

Published online: 22 Sep 2021



Article

**Trends in Teaching
Advanced Placement
Statistics: Results from
a National Survey** >

Hollylynn S. Lee et al.

Published online: 21 Sep 2021



[View more >](#)

CAUSE/Journal of Statistics and Data Science Education webinar series



Upcoming webinars:

- November 16, 2021 5:00pm (note special time) “Do data competitions improve learning: A study on student performance, engagement, and experience with Kaggle InClass data challenges (Julia Polak, University of Melbourne and Dianne Cook, Monash University)

Signup at <https://www.causeweb.org/cause/webinars>

Webinars are recorded and posted (with slides) at that same site

Consortium for the Advancement of Undergraduate Statistics Education



<https://www.causeweb.org/cause>

2021 Electronic Undergraduate Statistics Research Conference

FRIDAY, NOVEMBER 5TH, 2021

<https://www.causeweb.org/usproc/eusrc/2021>

With many thanks to the late Jackie Dietz (founding editor of JSE)



Obituaries for February 2021

1 FEBRUARY 2021 720 VIEWS NO COMMENT

Jackie Dietz

Submitted by Len Stefanski, North Carolina State University Department of Statistics



Jackie Dietz

Jacquelin Dietz passed away after a battle with pancreatic cancer. Jackie, as she preferred to be called, was a colleague and friend to many in the North Carolina State University Department of Statistics. After completing her PhD in 1978 at the University of Connecticut, she joined the department. She remained on the faculty until 2004, when she moved to Meredith College. During her time at Meredith, Jackie was head of the mathematics and computer science department from 2007 to 2012.

During the 1980s, Jackie worked and published in the area of multivariate nonparametric statistical methods. Her interests turned toward statistics education and, in 1993, she became the founding editor of the *Journal of Statistics Education (JSE)*. After that time, most of her professional efforts involved editorial work for several journals, service to professional organizations, and extensive involvement in the AP Statistics program.

Harken back to the 1990's...



Harken back to the 1990's...



The screenshot shows a Netscape browser window with the address bar set to `gopher://gopher.micro.umn.edu/`. The main content area displays a "Gopher Menu" with the following items:

- [Information About Gopher](#)
- [Computer Information](#)
- [Discussion Groups](#)
- [Fun & Games](#)
- [Internet file server \(ftp\) sites](#)
- [Libraries](#)
- [News](#)
- [Other Gopher and Information Servers](#)
- [Phone Books](#)
- [Search Gopher Titles at the University of Minnesota](#)
- [Search lots of places at the University of Minnesota](#)
- [University of Minnesota Campus Information](#)

Overlaid on the right side of the browser is a terminal window titled "The Gopher Project" with the following text:

```
THE GOPHER PROJECT
-----

Welcome to The Gopher Project! Gopher is a slim, powerful, and
fast way to present information in a hierarchial catalog online.
Gopher actually predates the Web -- although most web browsers
make excellent gopher browsers too.

Good places to start are the "Why Gopher?" and "Using Gopher"
areas!

[12] A Brief Introduction to Gopherspace
[13] Clients, Servers, and Downloads/
--> [14] Mailing List
[15] Mailing List Archives/
[16] Using Gopher/
[17] Why Gopher?/

Press ? for Help, Q to Quit, U to go up a menu
Page: 1/1
```


ASA website (end of 1996)



1429 Duke Street
Alexandria, VA 22314-
3402 USA
(703) 684-1221
FAX: (703) 684-2036
asainfo@amstat.org

[About the ASA](#)

News (future)

[Calendar](#)

[Sections](#)

[Chapters](#)

[ASA Fellows Fellowships](#)



12/12/96

The address of the [Houston Chapter](#) has been updated.

10/09/96

The [Report of the President's Blue Ribbon Panel on the Census](#) is available. The [Panel's Charge and Membership](#) are also available. The [Connecticut Chapter](#) now has a home page. The [Princeton/Trenton Chapter](#) now has a home page.

10/03/96

The [Awards Page](#) has been reorganized to clarify three different programs operated by the ASA -- ASA Fellows, ASA Research Fellowships and the ASA Awards Program. Each now has its own page with additional details.

09/30/96

[Public Statistics Day](#) report on the [Education](#) page. The [Twin Cities, MN Chapter](#) of the ASA now has a web site.

Fin de Sie'cle



Are we about to see a major national reemphasis on teaching? Bears will use indoor plumbing first. Whether for bears or academics, there is no economic incentive to change. My pessimism trickles down from the dismal twin clouds of supply and demand:

Heeding the Call for Change (1992)



Teaching Statistics

George Cobb

MOUNT HOLYOKE COLLEGE

Introduction

This report on teaching statistics will present the Statistics Focus Group's recommendations under three headings, corresponding to *statistics* ("Recent Changes in the Field"), *mathematics* ("Some Differences Between Mathematics and Statistics"), and *teaching* ("What Research Tells Us"). A fourth section ("Examples") illustrates ways these recommendations can be put into practice, and a final section ("Making It Happen") offers two meta-recommendations about implementation.

What do we want students to be able to *do*, themselves, in terms of performing statistical work after their course is completed? What kinds of statistical reasoning, or arguments, do we want them to be able to *understand*? What kinds of *experiences* should the students have had in the course?

—Jim Landwehr, AT&T Bell Labs

Heeding the Call for Change (1992)



1. *Establish New Sections in Existing Journals.*

It would be easy to assume that most of the things we recommend should be done by the ASA, but some of this must be done in MAA journals. Quite a few statistics teachers in mathematics departments, members of MAA but not ASA, need to be encouraged to participate in this conversation.

—*Mary Parker*

There should be sections devoted to statistical education in some of the existing journals. A section on statistical education devoted to undergraduate teaching and learning should not be used as a vehicle to publish low quality research papers. I'm opposed to starting a new journal. Libraries are cutting circulation and I can't find time to read existing journals.

—*Jack Schuenemeyer*

The "Teacher's Corner" in the *American Statistician*, although interesting, does not address our concerns.

—*Mary Parker*

Heeding the Call for Change (1992)



4. *Expand Efforts to Involve Statistics Teachers in E-mail Conferencing.*

Tim Arnold of North Carolina State has just recently set up a procedure for joining such a group, one established by the Statistical Education section of the ASA. (See Appendix C for a description and instructions on how to join.)

In the ten years or so I have been teaching statistics, I have not seen many opportunities to participate in the kind of discussion we are having in this group. I think that statistics teachers would profit by, and enjoy, participating in such discussions. . . . We need to be providing the kind of forum and inspiration to people that will encourage each of them to think of ideas of their own. For me, reading what other people do is marvelously inspiring. I think it would be to others.

—*Mary Parker*

Founding editorial board



Editor: E. Jacquelin Dietz

Managing Editor: J. Tim Arnold

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J. Laurie Snell

Editors, Data Sets and Stories: J. Tim Arnold, Robin H. Lock

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W. Robert Stephenson, William Swallow, Jim Swift, Michael J. Symons, John
Wasik, Ann E. Watkins, Jeffrey Witmer

First issue



1. Interview with Fred Mosteller (David Moore)
2. NSF Conference report (George Cobb)
3. Teaching statistics using small group learning (Joan Garfield)
4. Structure and philosophy of JSE (Tim Arnold)
5. Teaching bits: a resource (Joan Garfield and Laurie Snell)
6. Datasets and stories intro and guidelines (Robin Lock and Tim Arnold)
7. 1993 new car data (Robin Lock)

Reconsidering Statistics Education: A National Science Foundation Conference

George W. Cobb

Mount Holyoke College

Support was provided by the NSF under Grant No. USE-9255396

Journal of Statistics Education v.1, n.1 (1993)

The need for curricular resources in statistics is acute, arguably more acute (at the college level) than in any other subject. The reason: Of all subjects taught as often as statistics, surely no other subject is so often taught by faculty with so little formal training in the subject.

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The Structure and Philosophy of the Journal of Statistics Education

Tim Arnold
North Carolina State University
Managing Editor

Journal of Statistics Education v.1, n.1 (1993)

Abstract

The *Journal of Statistics Education* (JSE) has a unique structure and an inclusive philosophy that have technical consequences for readers and authors. This paper, a message from the journal's managing editor, explains why the JSE was built to have its unique structure, the format of information available to readers, and the effect the philosophy will have. The paper's [Appendix](#) outlines three groups of readers and associated methods of accessing the journal. The [Appendix](#) also describes the purpose and contents of the associated JSE Information Service.

MODERN INTERDISCIPLINARY UNIVERSITY
STATISTICS EDUCATION

Proceedings of a Symposium

Committee on Applied and Theoretical Statistics
National Research Council



CATS report 1994 (workshop 1993)

SOLOMON: I declined John Tucker's earlier invitation to talk about the statistics department at North Carolina State University, but instead I am going to do a little marketing for the *Journal of Statistics Education*. It has been referred to a couple of times in these two days. The first issue of that journal, which is accessible electronically in a number of ways, appeared on July 19th. The founders had two motivations in mind for establishing the journal that are relevant to this symposium. The primary one was what I hope is the obvious one, and that is to provide a vehicle for exchange of information on postsecondary statistics education. But there was a secondary goal that relates to the reward structure that we have talked about and has come up a couple of times in the course of this symposium. That goal is to provide a rigorously refereed, and, hopefully, therefore respected outlet for scholarship in statistics education, one that will provide some tangible fodder for promotion and tenure files. Whether it achieves that goal depends on whether all of you begin to submit papers to it. Part of the excitement of it is that it is distributed electronically, and so offers opportunities that simply are not available in the print media. For example, an article in the first issue written by George Cobb describes the results of a sequence of NSF-sponsored projects in statistics education. The article itself is a summary of those projects, but if you wish, you can request from the *Journal*

<https://www.nap.edu/read/2355>



Celebrating 20 Years of the Journal of Statistics Education

E. Jacquelin Dietz
Meredith College

John Gabrosek
Grand Valley State University

William Notz
The Ohio State University

Thomas H. Short
John Carroll University

Journal of Statistics Education Volume 21, Number 2 (2013),
www.amstat.org/publications/jse/v21n2/editor_reflections.pdf

Questions for our panelists



Can you share a bit about yourselves and offer some reflections of the founding of the Journal?

Questions for our panelists



How has the journal changed since its founding? What's been most surprising to you?

Questions for our panelists



Do you have any advice to provide to future journal editors?

Questions from the audience



Joan Garfield



Tim Arnold



Jeffrey Witmer