

# Calvin J. Frye

367 N. Prospect Street  
Oberlin Ohio 44074  
(440) 775-7006  
[cjf@calfrye.com](mailto:cjf@calfrye.com)  
<http://www.calfrye.com>

## Education

---

- |        |   |                                       |      |
|--------|---|---------------------------------------|------|
| M.S.   | Kent State University   | Geology / Paleontology                | 1989 |
|        | Thesis: <i>Aptychi from the Late Devonian dark shales of northeast Ohio</i> |                                       |      |
| B.A.   | University of Akron, Secondary Education:                                   |                                       | 1980 |
|        | certification in comprehensive science, mathematics, and psychology         |                                       |      |
| B.G.S. | Kent State University   | Physics, Mathematics, General Science | 1978 |

## Employment

---

Oberlin College since 2000

Network Administrator.

I share responsibility for engineering our Enterasys network and maintaining the security of network and systems. I also provide backup to our Wintel server administrator. While our core Internet services are managed by our Solaris administrators, I am involved in the team determining the use and maintenance of DNS, DHCP, email, spam-filtering, antivirus, and all the systems that make a network useable and secure. I am a principal respondent on our network abuse hotline.

We use Packeteer Packetshapers to manage our Internet bandwidth, and Cisco Clean Access (*nee* Perfigo) to provide authenticated client access to our network. Those systems are my responsibility, from installation to configuration. Should misbehaving systems appear on our campus network, we use Enterasys' Netsight Atlas Console and Policy Manager to locate and control their ability to do harm. I am part of the supervisory team planning and overseeing the implementation of wired and wireless networking on campus and negotiating with providers for our WAN access. I supervise student and professional staff in this work.

I have maintained and upgraded Novell servers from version 4.1 through 5.1 to 6.0 and now we run a Netware 6.5 clustered environment. Windows servers are used at the College in an application-specific manner, we do not run Active Directory in any non-trivial manner. Citrix terminal servers provide access to Windows applications to our Macintosh clients where necessary.

I serve on the technology advisory committee for the Oberlin schools, am active in school levy campaigns, and elsewhere within the College and within the community.

# Calvin J. Frye

Western Reserve Academy

1996 - 2000

1998–2000

Technical Systems Support Coordinator

1996–1998

Library Technology Director

In Systems Support, I was responsible for the campus-wide network. I have pulled and terminated Ethernet cables, hung routers and hubs, patched fiber, and traced and diagnosed cable runs. I've configured Cisco routers and switches to reduce the congestion on a network backbone carrying AppleTalk, IPX and TCP/IP traffic. I was responsible for the email server, enterprise applications servers, and general server-related maintenance, upgrades, backups, and the like.

Server systems were Macintosh, Windows NT and NetWare, all operating more or less happily together. I've set up and administered all three. The Macs were used for file and print services and WWW, and we use Apple's At Ease and Network Assistant to rein in the public-accessible Macs. The NetWare servers host a stack of CD-ROM references for our library and communications with local public library systems. Shortly after I arrived, we upgraded the servers from NetWare 3.11 to 4.11 and installed a CD-ROM server. The NT servers provide domain control for the PC clients, as well as DNS, DHCP, and main email and Web servers. PC clients were managed with user profiles on either our domain controllers or a NetWare server, depending on the location. Each user has a home directory on one of the Mac servers, which is visible from any Mac or PC on campus. ZenWorks was used to distribute applications in the Netware environment, Drive Image Pro from Powerquest otherwise.

In the library I combined the duties of an electronic reference librarian with those of a Novell network administrator and webmaster. In addition, I designed and produced training sessions and materials for students, faculty, and staff. With the rest of our IT staff, I supervised student assistants in computer system maintenance and web page design.

Kent State University, Tuscarawas, Stark, and Geauga Regional Campuses 1993 - 1998

I was a lecturer in historical and environmental geology, oceanography, and introductory geography and physics at several of the regional campuses within the KSU system. I developed laboratory and curriculum materials and visuals, and maintained small campus collections and created exhibits.

Kent State University, Department of Geology,

1986 - 1993

As a graduate teaching assistant, I had responsibilities for teaching and the maintenance and supervision of the department's Scanning Electron Microscope, the paleontology collection database system and general computer maintenance. Courses taught include: Physical and Historical Geology, and Paleontology (lab). The SEM was used for research projects, mine and others', involving the identification of microstructure and mineralogy of fossils and rock fabrics, in conjunction with the attached Energy-dispersive X-ray Spectrometer unit. In

# Calvin J. Frye

addition, I had the opportunity to use our X-ray Diffractometer and optical petrography equipment.

Gifted Challenge Institute, Stow, Ohio

July, 1992

Instructor for an intensive two-week program for gifted and talented students in grades four through eight. Course coverage was paleontology and field geology.

The Cleveland Museum of Natural History

1980 - 1986 (and currently)

Primary duties included teaching Anthropology and Paleontology to students from elementary to college and adult levels. Additional responsibilities included the administration of computer systems, audio/visual equipment and exhibit maintenance and repair, video production, and selection and purchase of materials for ongoing public film series. Currently consulting in computer maintenance and database design.

## Presentations

---

Frye, Calvin J. 1989. "Aptychi from the Late Devonian dark shales of northeast Ohio." Presented at the annual meeting of the North-Central Section of the Geological Society of America, April 21, 1989, Notre Dame, Indiana.

Frye, Calvin J. 1992. "Digitizing fossil morphology in 3-D: A first step toward range-of-motion analysis." Presented at the annual meeting of the Geological Society of America, October 26, 1992, Cincinnati, Ohio.

Hannibal, Joseph T., Robert Carr, and Calvin J. Frye. 1992. "'Tintenflecken' from the Michigan Basin: Preservation, ontology, and variation of aptychi found in upper Devonian rocks at Paxton, Michigan." Presented at the annual meeting of the Geological Society of America, October 28, 1992, Cincinnati, Ohio.

## Publications

---

Frye, Calvin J. and Rodney M. Feldmann. 1991. North American Late Devonian cephalopod aptychi. *Kirtlandia*. 46:49-71.

## Professional Affiliations

---

Association of Brewers

Ohio Macintosh Users Northeast

Ohio Academic Research Network Tech Committee

Oberlin Schools Technology Committee

NetWare Users International

Sigma Xi

## References

---

**Oberlin College**, Computing and Information Technology, 148 W. College St.,  
Oberlin, OH 44074, (440) 775-8700  
Mr. Ken Ervin, Director, Networking, Operations, and Systems  
Dr. John Bucher, Director, CIT, John.Bucher@oberlin.edu

**Western Reserve Academy**, 115 College St., Hudson, OH 44236  
Ms. Martha Regula, Library Director (330) 650-9730; RegulaM@wra.net  
Mr. Howard Kaplan, Dean of Faculty 650-9707; KaplanH@wra.net

### Kent State University, Regional Campuses

Tuscarawas Campus, KSU, Ms. Agnes K. Swigart, Assistant to the Dean (330) 339-3391  
University Drive NE, New Philadelphia, OH 44663  
Geauga Campus, KSU, Dr. Christopher Williams, Dean (440) 834-4187  
14111 Claridon-Troy Rd., Burton, OH 44021  
Stark Campus, KSU, Dr. David Baker, Assistant Dean (330) 535-3377  
6000 Frank Ave., NW, Canton, OH 44720-7599

Department of Geology, Dr. Donald Palmer, Chair (330) 672-2680  
Kent State University, Kent Campus, Kent, OH 44242

Thesis Committee members:

Dr. Rodney M. Feldmann, <i>Paleontology</i> , advisor,	(330) 672-2506
RFELDMANN@KENT.EDU	
Dr. Donald F. Palmer, chair, <i>Geophysics</i> ,	672-2680
DPALMER@KENT.EDU	
Dr. Alan H. Coogan, <i>Stratigraphy</i> ,	672-2385
ACOOGAN@KENT.EDU	
Dr. Neil A. Wells, <i>Sedimentology</i> ,	672-2951
NWELLS@KENT.EDU	

### Gifted Challenge Institute

Dr. Will Simmons, Director; P. O. Box 1648, Stow, Ohio 44224

### The Cleveland Museum of Natural History,

1 Wade Oval Dr., Cleveland, OH 44106

Museum operator: (216) 231-4600. <http://www.cmnh.org>

Miss Mary Flahive, retired, former Curator of Education

Miss JoAnn Coburn, Geology instructor, supervisor.

Dr. Joseph Hannibal, Curator of Invertebrate Paleontology

Mr. Bruce Frumker, Audio/Visual Services, retired.

Mr. James Bissell, Curator of Botany