



Supporting and Building the  
FreeBSD Project and Community  
Worldwide



# Who Am I

- Education includes a BS in Computer Engineering and MS in Electrical Engineering
- Started as a firmware engineer at IBM working on 14" disk drives
- Worked in various areas of storage device development including ECC logic design, SCSI interface development, and ATA design.
- Joined the Foundation in August, 2005 as its first employee part-time moving into full-time Executive Director role.
- Besides running the Foundation, interested in learning more about operating systems, Python, and teaching.



# Our History

Founded in March 2000

501(c)3 (non-profit public charity)

Based in Boulder, Colorado

100% Funded by donations



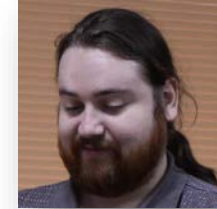
# FreeBSD Foundation Board



Justin T. Gibbs  
President and  
Founder



Benedict  
Reuschling,  
Vice  
President



Philip Paeps,  
Secretary



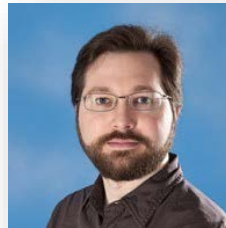
Dr. Marshall  
Kirk McKusick,  
Treasurer



Deb Goodkin  
Assistant  
Secretary



Dr. Hiroki  
Sato, Director



Dr. Robert  
N.M. Watson,  
Director



George  
Neville-Neil,  
Director

# FreeBSD Foundation Staff



Deb  
Goodkin,  
Executive  
Director



Ed Maste,  
Director of  
Project  
Development



Anne  
Dickison,  
Marketing  
Director



Scott  
Lamons,  
Senior  
Program  
Manager



Glen  
Barber, System  
Administrator



Loren  
Gurkowski,  
Administration  
Manager



Konstantin  
Belousov,  
Senior  
Software  
Engineer



Li-Wen  
Hsu,  
Software  
Engineer

# Our Purpose

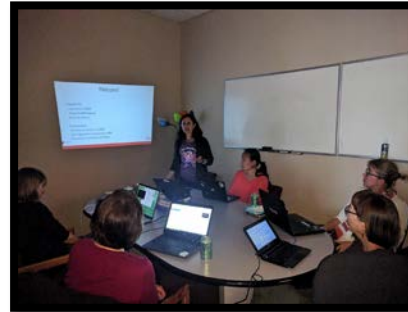
**Make FreeBSD the best platform for  
research, products, computing,  
education, and more.**



# What We Support



**Software  
Development/OS  
Improvements**



**Advocacy and  
Education**



**Security Team / Release  
Engineering / FreeBSD  
Quality Assurance**



**Technical Leadership**



**Legal – Core Team and  
FreeBSD IP**



**Face-to-Face  
Meetings and  
Summits**



# Software Development/OS Improvements





# Software Improvements

**We kicked off or continued the following projects last quarter:**

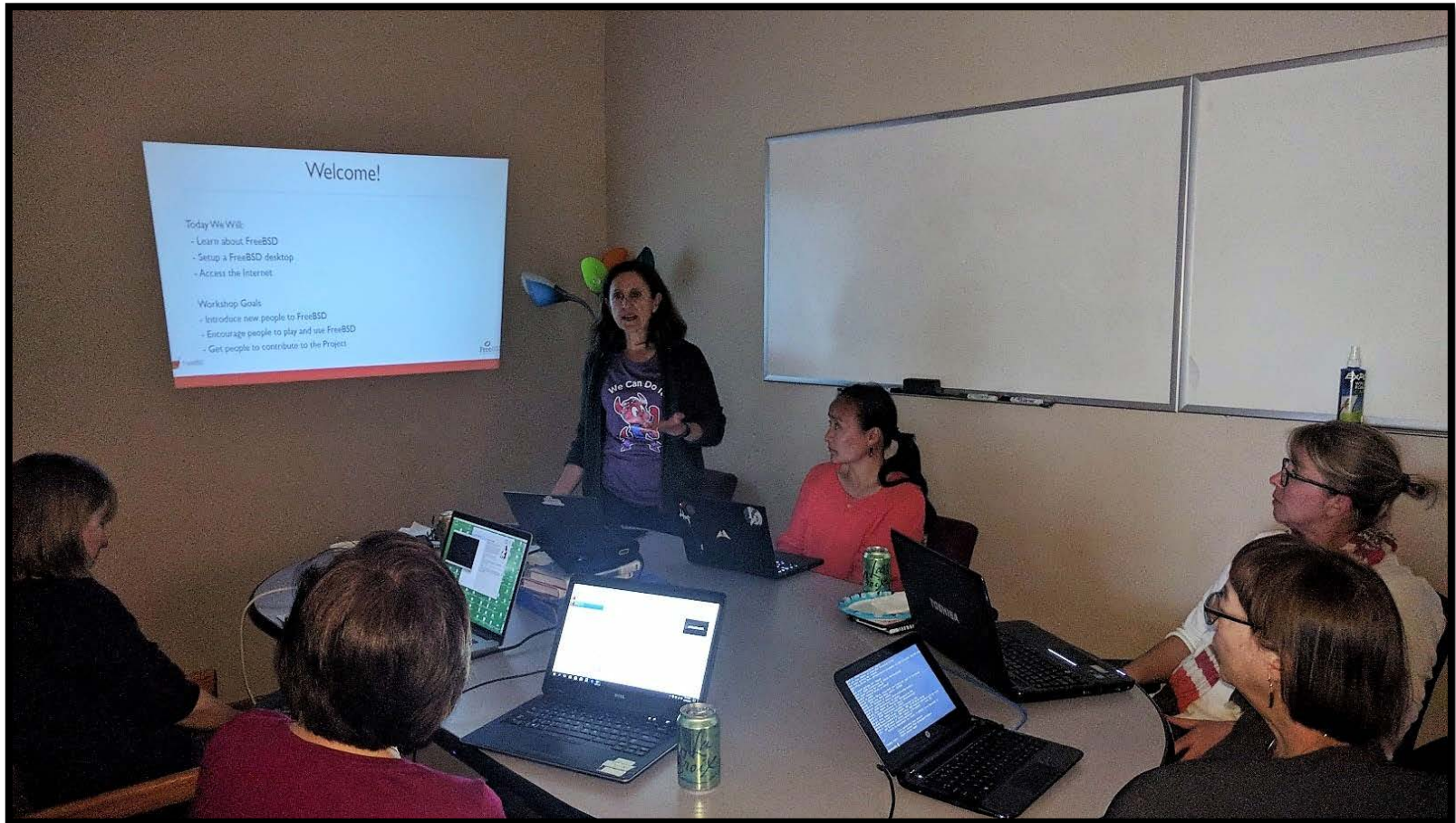
- FUSE file system kernel support (update and bug fixes)
- Linuxulator testing and diagnostics improvements
- SDIO and WiFi infrastructure improvements
- x86-64 scalability and performance improvements
- OpenZFS Online RAID-Z Expansion

**Staff worked on the following projects:**

- x86 pmap, thread lib, i386 support, RISC-V, Capsicum, build system, security issues, vulnerability mitigations, tool chain improvements, Syzkaller kernel code coverage, freebsd-update, network stack stability, new kernel interfaces, machine-dependent optimizations, docs and manpages, DTrace bug fixes, Valgrind port

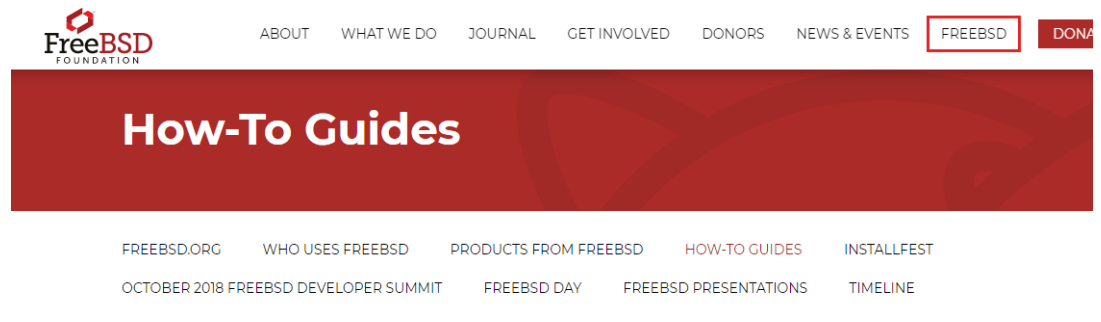


# Advocacy and Education



# FreeBSD Advocacy

- Promoted FreeBSD through presentation and workshops around the world
- FreeBSD Journal
- Part of the GSoC administration team
- How-To guides



The screenshot shows the FreeBSD Foundation website. The top navigation bar includes links for ABOUT, WHAT WE DO, JOURNAL, GET INVOLVED, DONORS, NEWS & EVENTS, FREEBSD (highlighted with a red border), and DONATE. Below the navigation bar is a large red banner with the text "How-To Guides" in white. Underneath the banner is a secondary navigation bar with links for FREEBSD.ORG, WHO USES FREEBSD, PRODUCTS FROM FREEBSD, HOW-TO GUIDES (highlighted), and INSTALLFEST. Below this is another row of links: OCTOBER 2018 FREEBSD DEVELOPER SUMMIT, FREEBSD DAY, FREEBSD PRESENTATIONS, and TIMELINE.

## Getting Started with FreeBSD

As part of the FreeBSD Foundation's education initiative, we've worked with community members and new recruits to develop guides that make getting started with FreeBSD a straight forward process. For an overview, see our *FreeBSD Quickstart Guide*. Stay tuned for more how-tos as they become available.

### FreeBSD Installation Guides:

- [Installing FreeBSD with VirtualBox \(Mac/Windows\)](#)
- [Installing a Desktop Environment on FreeBSD](#)
- [Installing FreeBSD for Raspberry Pi](#)
- [Installing PC-BSD as a Primary Operating System](#)
- [Installing a Port on FreeBSD](#)



# Security Team / Release Engineering / FreeBSD Quality Assurance



# Technical Leadership



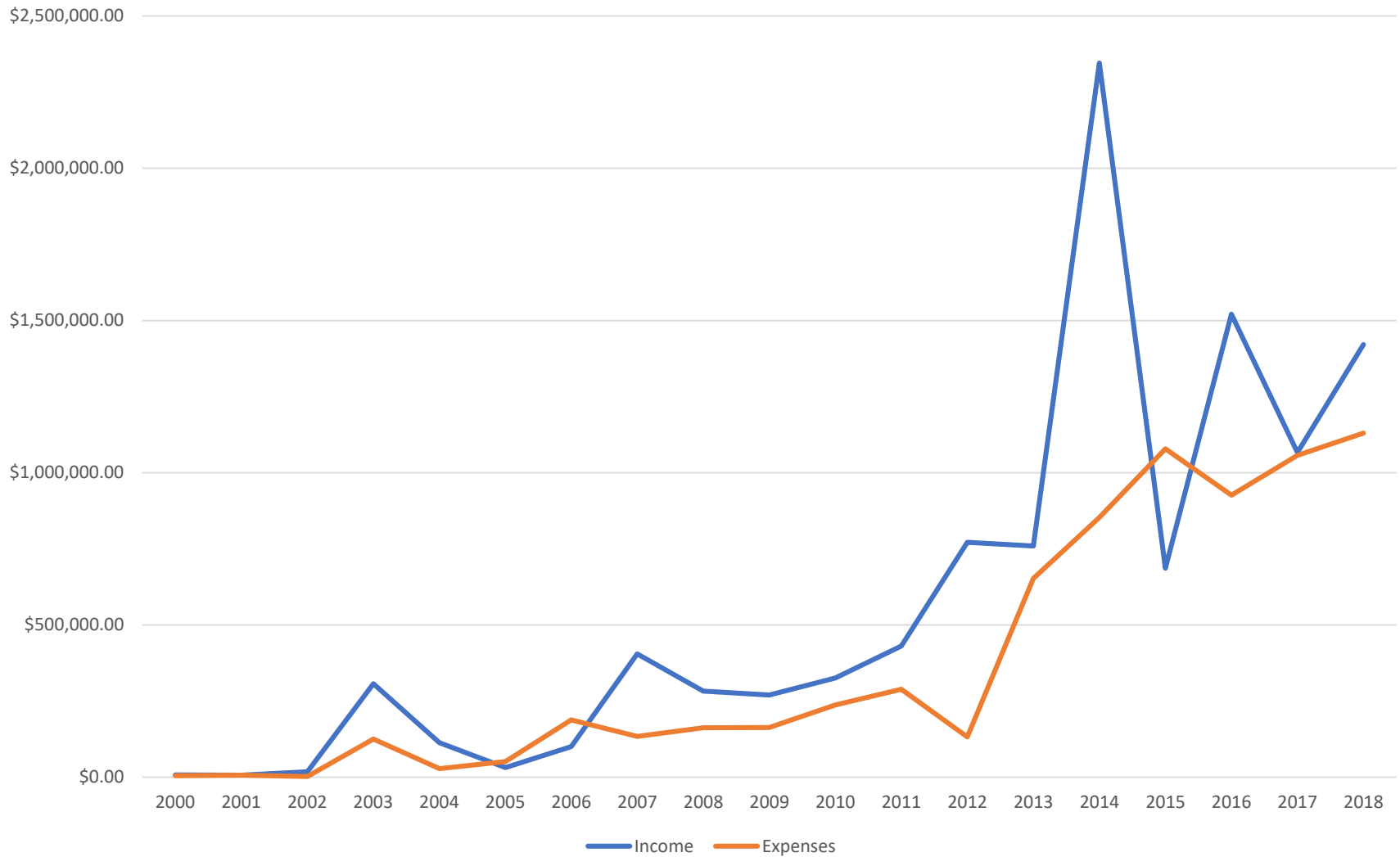
# Legal – Core Team and FreeBSD IP



# Face-to-Face Meetings and Summits



# Fundraising





# What Do We Need From You?

Tell us what we can do to help you

Tell us why you contribute to FreeBSD

Tell us why you love/use FreeBSD

Finally, please contribute \$\$\$!



# Stop By Our Table

