The Challenge – Our Digital World

• Professionals looking to steal our data
  – Sell our credit card numbers
  – Sell Google Passwords for $100
  – Sell Social Security Numbers
  – Sell Intellectual Property

• Social Engineering

• Good web sites gone bad

Over 200 data stealing virus incidents at UF since the beginning of the term
The Challenge – The Legal Climate

- HITECH, HIPAA, FERPA, FISMA, Florida Statutes
- Data protection legislation for health records, education records, credit cards, personally identifiable data
- Significant penalties up to and including jail for staff, managers and executives
- About $3/record for required notification
- Notification leads to additional losses
The Challenge – Our organization

• Distributed
  – 70 departments handle credit cards
  – 150 email servers
  – Many locations for data
• Diverse
• Open
• Fast moving
• Independent
• $8/hr
What You Can Do – Keep Current

• Keep all hardware and software on current versions
  – Establish priorities for keeping current
  – Support the people doing the work
  – Support faculty and staff
  – Plan to retire old hardware and software

Less than 10% of UF’s 35,000 computers are fully current
What You Can Do – Protect Web Sites

• Protect your web sites
  – UF has over 4 million public web pages
  – Look for and remove restricted data
  – Secure access to servers and page

  – Establish priorities
  – Support people doing the work
  – Consider consolidation
What You Can Do – Support Training

• Support people who require training
• Make sure people who are doing the work have the training they need

• For more information
  – infosec.ufl.edu
  – security.health.ufl.edu
  – www.sans.org/top-cyber-security-risks/