**DATEBOOK**

Monday, April 5

- Wendell, in 2 p.m., Stahler Field, Lehman, "Lights, Coming Home Day: Organize a Day of Action Against the Draft," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

- Wendell, in 3 p.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

**Tuesday, April 6**

- Mass Communication Week Event, "What The News Media Can Do To Improve Our Understanding of the Issues," 11:45 a.m. to 1 p.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

**Wednesday, April 7**


- Mass Communication Week Event, "Review of Ethical Practices of Mass Media and Public Relations," 1:30 p.m. to 2:30 p.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

- Mass Communication Week Event, "Coming to a Newsroom Near You," 3 p.m. to 4 p.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.


**Thursday, April 8**


**Friday, April 9**

- Baseball, at Toledo, 1 p.m., Stahler Field, "Moor Musical Arts Center," 4-2622, WHWB-TV Program, 2-2925.

**Saturday, April 10**

- Softball, at Toledo, 1 p.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

**Monday, April 12**

- Technology, at Toledo, 10:30 a.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

- Baseball, at Toledo, 1 p.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

**Tuesday, April 13**

- Technology, at Toledo, 10:30 a.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

**Wednesday, April 14**

- Technology, at Toledo, 10:30 a.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

**Thursday, April 15**

- Technology, at Toledo, 10:30 a.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.

**Friday, April 16**

- Technology, at Toledo, 10:30 a.m., Community Center, "Communication Rights: What America Can Think," Lehman, Community Solidarity, 4-2622, WHWB-TV Program, 2-2925.
New equipment offers important data in fight to unravel mysteries of autism

Upon first glance, the new equipment in Shirley Ostler's lab at Bowdoin College might seem like a strange fit for the field of developmental biology. The equipment is not just any old tool; it's a specialized device used to measure brain activity in real-time. Ostler and her team are using it to study the brain's electrical activity in children who have autism spectrum disorder (ASD), a complex neurodevelopmental condition that affects how people think, feel, and interact with others. The data they collect could provide crucial insights into the neurobiological underpinnings of ASD, helping researchers better understand the condition and develop targeted interventions.

The equipment is a high-tech electroencephalography (EEG) machine, designed to capture and analyze the electrical activity in the brain. It works by placing small electrodes on the scalp, which pick up the electrical signals generated by the brain's neurons. These signals are then recorded and analyzed in real-time, allowing researchers to observe changes in brain activity in response to various stimuli or tasks.

Ostler's team has already collected data from several children, and the results are promising. They've found that children with ASD have different patterns of brain activity compared to typically developing children. For example, they may show decreased connectivity between certain brain regions or altered responses to social stimuli. These findings suggest that ASD may involve abnormalities in the way the brain processes and integrates information, potentially leading to difficulties in social communication and interaction.

The data from this equipment is crucial for several reasons. First, it allows researchers to observe brain activity in real-time, providing a dynamic picture of how the brain is working. Second, it offers a non-invasive way to study the brain, which is particularly important for children with ASD who may have physical or cognitive impairments. Finally, the data can be used to inform the development of new interventions, such as therapies that attempt to reduce or modify certain brain responses.

In addition to the scientific benefits, this equipment also has practical implications. It could be used to evaluate the effectiveness of new interventions or to monitor the progress of children with ASD over time. By providing real-time feedback, researchers can adjust their approaches as needed, ensuring that treatments are tailored to individual needs.

Overall, the new equipment is a significant step forward in the study of autism. It offers a powerful tool for researchers to unlock the mysteries of the brain, helping us understand the complex condition that affects so many people. With continued research, we may one day find effective ways to support individuals with ASD and their families, improving their quality of life and promoting a more inclusive society.
New equipment offers important data in fight to unravel mysteries of autism

Upon first glance, the new equipment faculty member Dr. J. George Seubert, mathematics professor at Bowling Green State University, holds in his hands appears to be nothing out of the ordinary—a small gray box, about the size of a small shoebox. But inside the box is the key to unlocking a mystery that has intrigued scientists for decades: the acquisition of a new system to help unravel the mysteries of the brain, especially in autistic children.

The new equipment is a 16-channel EEG system designed to measure the electrical activity of the brain. It consists of 16 small, flexible electrodes that are placed on the surface of the scalp to detect and record electrical signals generated by neurons. These signals, known as electroencephalographic (EEG) signals, can provide valuable information about brain function and help researchers understand the underlying mechanisms of neurological disorders, including autism.

Dr. Seubert and his colleague, Dr. Patrick Lensing, both professors in the College of Education and Allied Professions, have been working on the project for the past 10 years. They have been collaborating with Dr. J. David Panksepp, a neuroscientist at the University of Iowa, to develop and test new methods for studying brain electrical activity. The goal is to identify patterns of brain activity that are associated with specific behaviors or neurological conditions, such as autism.

"The EEG system will allow us to record high-quality brain activity from a large number of channels, allowing us to study a wide range of brain functions," said Dr. Seubert. "This will enable us to better understand the neurological basis of autism and other neurological disorders, and ultimately lead to improved treatments and interventions."
### Datebook

**Monday, April 12**
- **American Red Cross Blood Donor**: 10 a.m. to 3 p.m. in the Student Center. For information call 372-1625. Webster Hall, Student Union West, Free.
- **Student Union Plaza Movie**: "Garfield: A Tail Out of Control" through April 15. Noon to 3 p.m. in the Student Union. Free.
- **Film Series**: "Rolling Stone" through April 15. 7:30 p.m. in the Student Union Theater. Free.

**Tuesday, April 13**
- **Lecture**: Linden Lewis, former beauty contestant and current student will talk about her form and experiences, 7 p.m. in the Student Union Theater. Free.
- **People for Peace Committee Meeting**: 6 p.m. in the Student Union Room 214. Free.
- **WMU TV Program**: "Ground Control" will be shown during April 16. Noon to 3 p.m. on Channel 27. Free.

**Wednesday, April 14**
- **Concert**: Faculty Artist Series performance by Vanya Karpkin and Ari Pelle, 8 p.m. in the Ketterl Hall. Free.
- **Film Series**: "Family Guy," 7 p.m. in the Student Union Theater. Free.

**Thursday, April 15**
- **Conference**: "Teaching Economies Using the Sciences" in the Science Center, 10:30 a.m. to 3:30 p.m. In biology, mathematics and science education. Free.

### Businesses and institutions are finding changes needed under ADA

When the American with Disabilities Act was passed in 1990, it provided persons with disabilities the hope that the wall of discrimination against them would finally come tumbling down. But to its advocates, the act was a promise that some of the obstacles faced by those with disabilities would eventually be eliminated. For the businesses and institutions that have to comply with the ADA, the act is more likely to mean additional improvements to comply with the regulations.

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### The effects of Champion’s work to last long after retirement

In the 21 years she has worked at the University of Iowa, Dr. Mary W. Champion has become an expert on the intricacies of the Rehabilitation Act and the Americans with Disabilities Act. She has helped thousands of students with disabilities to get the services they need. This spring, she is stepping down as director of the university's ADA Resources Center after 21 years on the job.

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### Monitor

**April 19, 1993**

**Bowling Green State University**

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**Note:** The full text of this document is not available. The provided text is a summary or excerpt of the document's content.