Mayo Clinic – Dana Child Development
and Learning Disorders Program

ANNUAL SYMPOSIUM

Applied Behavior Analysis:
Not Just for Autism!
Evidence-Based Solutions for Teaching
Children with Special Needs

Guest Faculty:
William L. Heward, Ed.D., BCBA

APRIL 23, 2010
Mayo Clinic, Rochester, Minnesota
Siebens Medical Education Building, Phillips Hall
Second Avenue and First Street SW
General Information

Course Description

Five decades of peer-reviewed research provide powerful evidence of how applied behavior analysis (ABA) can promote learning in the classroom. In spite of this evidence, behavior analysis (with the possible exception of autism treatment) remains a “bit” player in efforts to reform educational practice. This one-day symposium will consist of three parts.

Part I: What ABA Is (and Isn’t) and Why It Is Good for Education - This portion of the course will provide an overview of ABA-including some common misconceptions of what it is (e.g., ABA consists only of discrete trial training) and is not (e.g., ABA is useful for teaching individuals with autism and other developmental disabilities but not for typically developing learners)-and identify a dozen attributes of ABA that make it especially well suited to contribute to the improvement of education of all children.

Part II: Ten Faulty Notions About Teaching and Learning that Impede the Effectiveness of Special Education - Like all learners, students with disabilities progress best when they actively participate in well-executed instructional programs informed by scientific research. Unfortunately, many students with disabilities spend their school days in programs that are (mis)informed by a set of widely held beliefs about teaching and learning. Ten well-intentioned but misguided notions will be identified (e.g., Teaching Discrete Skills Trivializes Education and Ignores the Whole Child). Reasons why each notion is mistaken will be provided and suggestions for how educators can counter these notions and the “worst practices” they encourage will be offered.

Part III: Six Common Teaching Mistakes and What To Do Instead - This portion of the course will focus on six teaching mistakes committed frequently by both general and special education teachers (e.g., Mistake #3: Asking students, “Do you understand?”). Each mistake will be presented in a three-part format. First, the mistake and examples of its occurrence will be described and/or demonstrated. Second, logical and empirical rationale will be offered for why teachers should eliminate or greatly reduce the frequency with which they commit the mistake. Third, one or more evidence-based and classroom-tested alternative strategies (i.e., what to do instead) will be presented and/or demonstrated. Participants will leave with a complete set of guided notes, handouts of examples and guidelines for implementing several of the alternative strategies, and an annotated list of references and resources.

Intended Audience


Course Objectives

The participant will be able to:

• Define applied behavior analysis (ABA).
• State at least eight reasons why ABA can contribute to the improvement of education of all children.
• State and give an example of at least six widely held notions about teaching and learning that impair the effectiveness of education.
• Describe three actions educators can take to counter the “worst practices” encouraged by these faulty notions.
• Identify the two variables research has shown to correlate most robustly and consistently with student achievement.
• Describe and identify examples of six common teaching mistakes.
• Describe and give an example of how at least four of several of the “what to do instead” strategies could be implemented in their own practices.

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.
Faculty Highlights

William L. Heward, Ed.D., BCBA, is Professor Emeritus of Education at The Ohio State University (OSU) where he directed the Ph.D. program in special education and applied behavior analysis. Dr. Heward has been a Senior Fulbright Scholar in Portugal, a Visiting Professor of Psychology at Keio University in Tokyo, and presented lectures and workshops in 15 other countries. His publications include more than 100 journal articles and book chapters and nine books, including the widely used texts: *Exceptional Children: An Introduction to Special Education* (9th ed., 2009) and *Applied Behavior Analysis* (2nd ed., 2007, co-authored with John Cooper and Tim Heron), which have been translated into several foreign languages. Dr. Heward’s numerous awards include OSU’s highest honor for teaching excellence, the Alumni Association’s Distinguished Teaching Award, and the 2006 Fred S. Keller Behavioral Education Award from the American Psychological Association’s Division 25. A Past President and Fellow of the Association for Behavior Analysis International, Dr. Heward’s research interests include low-tech methods for increasing the effectiveness of group instruction and adaptations of curriculum and instruction that promote the generalization and maintenance of newly learned knowledge and skills.

Date and Location

*Applied Behavior Analysis: Not Just for Autism! Evidence-Based Solutions for Teaching Children with Special Needs* will be held April 23, 2010. Course headquarters will be located in Phillips Hall on the first floor of the Siebens Medical Education Building, Mayo Clinic, 100 Second Avenue Southwest, Rochester, Minnesota. Meeting facilities are easily accessible by skyway and pedestrian subway, which connect Mayo Clinic to shops, restaurants, and hotels.

**Please note:** The capacity of the ‘live’ presentation space in Phillips Hall is 190 participants. The first 190 conference registrations received will be seated in Phillips Hall. Registrations received beyond 190 people will be seated one floor above Phillips Hall in Leighton Auditorium where the presentation will be viewed live via satellite video conference. Your location will be confirmed along with your conference receipt.

Credit

College of Medicine, Mayo Clinic is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

College of Medicine, Mayo Clinic designates this educational activity for a maximum of 6 AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

College of Medicine, Mayo Clinic is approved by the American Psychological Association to offer continuing education for psychologists. College of Medicine, Mayo Clinic maintains responsibility for the program. College of Medicine, Mayo Clinic is offering this activity for 6 continuing education hours.

This symposium has been approved by the Minnesota Board of Psychology for 6 continuing education hours.

This symposium has been approved by the State of Minnesota Board of Social Work for 6 continuing education units.

Other Health Care Professionals

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

Registration

To register, complete the attached registration form and return by mail or fax. The registration fee includes tuition, comprehensive course syllabus, continental breakfast, and break refreshments. Although it is not the Mayo School of Continuous Professional Development policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. A letter of confirmation will be sent upon receipt of payment and completed registration form. Please present the confirmation letter when checking in at the meeting registration desk.
General Information

Parking
Parking is available in hotel, city, and Mayo patient/visitor ramps. The cost for parking is not included in the registration fee. A map indicating the location of downtown parking facilities will be mailed with the registrant confirmation letter.

Faculty
Course Director
Robert G. Voigt, M.D.

Guest Faculty
William L. Heward, Ed.D., BCBA
Professor Emeritus of Education at The Ohio State University (OSU)

Faculty Disclosure
As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of CPD) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course director(s), planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.

Program Schedule – FRIDAY, APRIL 23, 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30 am</td>
<td>Welcome/Introduction</td>
</tr>
<tr>
<td></td>
<td>Paula Horner, L.I.C.S.W. and Robert Voigt, M.D.</td>
</tr>
<tr>
<td>8:35 am</td>
<td>What ABA Is (and Isn’t) and Why It Is Good for the Education</td>
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<td>William Heward, Ed.D., BCBA</td>
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<tr>
<td>10:00 am</td>
<td>Refreshment Break</td>
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<tr>
<td>10:15 am</td>
<td>Ten Faulty Notions About Teaching and Learning that Impede the Effectiveness of Special Education</td>
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<td>William Heward, Ed.D., BCBA</td>
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<tr>
<td>11:30 am</td>
<td>Questions and Answers</td>
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<tr>
<td>11:45 am</td>
<td>Lunch</td>
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<tr>
<td>1:00 pm</td>
<td>Six Common Teaching Mistakes and What To Do Instead</td>
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<tr>
<td></td>
<td>William Heward, Ed.D., BCBA</td>
</tr>
<tr>
<td>2:30 pm</td>
<td>Refreshment Break</td>
</tr>
<tr>
<td>2:45 pm</td>
<td>Some Common Teaching Mistakes and What To Do Instead (continued)</td>
</tr>
<tr>
<td></td>
<td>William Heward, Ed.D., BCBA</td>
</tr>
<tr>
<td>4:00 pm</td>
<td>Question and Answers</td>
</tr>
<tr>
<td>4:15 pm</td>
<td>Adjournment</td>
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</tbody>
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Cancellation Policy
If you cancel your participation in this course, your registration fee, less a $75 administrative fee, will be refunded when written notification is received by Wendy Carlsen before April 9, 2010 via fax at 507-538-1852. No refunds will be made after 5:00 p.m. on April 22, 2010.

Mayo School of CPD reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo School of CPD must cancel or postpone this course, Mayo School of CPD will refund the registration fee, but is not responsible for any related costs, charges, or expenses to participants, including fees assessed by airline/travel/lodging agencies.
Registration Form

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April 23, 2010

Mail form and payment to:
Course Coordinator
Baldwin Building, 3rd floor
200 First Street, SW
Rochester, MN 55905

Telephone: 507-284-1703
Fax: 507-538-1852
Website: www.mayo.edu
E-mail: mayodana@mayo.edu

Written confirmation will be sent for all registrations received. Included in the registration fee are continental breakfast, refreshment breaks, and symposium materials. Lunch is on your own. Symposium questions should be directed to: Course Coordinator by e-mail, fax, or phone (see above).

Please print or type all information. Duplicate this form for multiple registrations if necessary.

Name___________________________________________________________________________
Institution _______________________________________________________________________
Medical Specialty (if applicable) _____________________________________________________
E-mail Address___________________________________________________________________
Which is your preferred mailing address: ☐ Work/Business ☐ Home
Address:________________________________________________________________________
City________________________________________State___________ZIP__________________
Home telephone (_______)_______________ Business telephone (_______)______________

Type of credit that you are interested in receiving:
☐ AMA PRA Category 1 Credit(s)™ ☐ Minnesota Board of Social Work
☐ APA ☐ Minnesota Board of Psychology
☐ General certificate

REGISTRATION FEE:
☐ Professional ($140) $ ____________
☐ Student ($70) Please enclose a copy of your student ID $ ____________
☐ Mayo Employee Please include your department’s Posting Account Unit (PAU) ________________

Total Payment Enclosed: $ ____________

PAYMENT METHOD:
☐ Major Credit Card (Visa, Mastercard, or Discover)
Type of Card ____________ Card # ____________
Expiration Date (MM/YY) ____________ Card security code (3-digit code on back of card) ____________
Name on Card __________________________________
Billing Address of Card ____________________________ Billing Zip Code of Card ____________

OR: ☐ Check Enclosed (make checks payable to Mayo Clinic)
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