




Lunch and Learn with VCU-ACE
Alicia Hart & Stefanie Paul
The Basics of Applied Behavior Analysis



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Housekeeping

- For educational and quality control, we will be recording this zoom session.
- By participating, you are consenting to being recorded.
- Before this session is shared, we will edit to remove identifying information to protect your privacy.
- The Q&A section will be removed and only be shared as an anonymous transcript



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Welcome to the Three-Part Series!



Alicia Hart



Stefanie Paul



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Today's Objectives



- Define and describe applied behavior analysis
- Discuss where and with whom is applied behavior analysis used
- Explain a few basic principles of applied behavior analysis
- Provide examples of teaching strategies associated with applied behavior analysis
- Address possible misconceptions regarding applied behavior analysis
- Questions and answer opportunities



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What is Applied Behavior Analysis?

- Science devoted to understanding and improvement of human behavior
- Discover **environmental variables** that influence **socially significant behavior** in order to **implement behavior change**



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Applied

Behaviors important to the individual!



Scope of possible behaviors:

- Teaching social skills
- Teaching communication skills
- Teaching adaptive/living skills- toilet training, caring for oneself
- Teaching routines to increase independence
- Generalizing skills



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Behavior

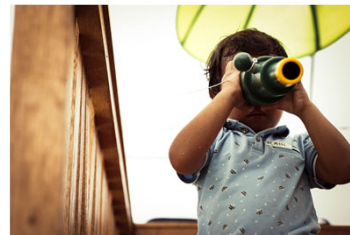
- Anything a person does
- Measurable and observable
- Positive and not just interfering or negative- (i.e. greetings)
- All behavior occurs within an environmental context
- 3 Different contexts of
 - behaviors maintained
 - behaviors that should be increased
 - behaviors that need to be decreased



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Analysis

- Systematic process and delivery of interventions
- Data collection
- Data analysis
- Objective



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Where and by Whom is ABA used?

Where?

Education
Marketing
Weight loss
Gerontology
Industrial safety

Who?

Behavior analyst
Parents
Teachers
Psychologists
Behavior specialists



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Basic Principles of ABA

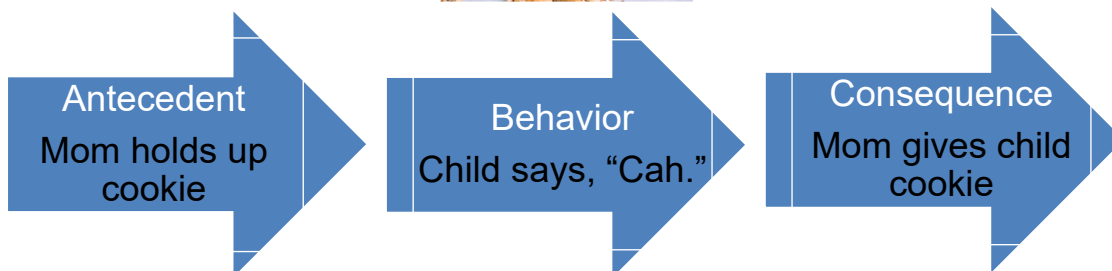
- Environmental variables that impact behavior

A-B-C		
Antecedent	Behavior	Consequence
What happens immediately before the behavior?	What behavior or response is being targeted? What does the student do?	What happens immediately after the behavior or response?



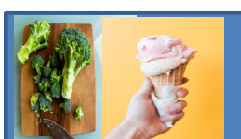
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Let's Look at an Example!

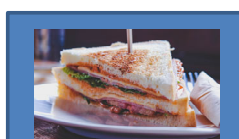


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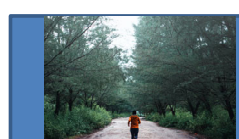
You May be Familiar with ...



Premack Principle



Task Analysis



Reinforcement



Behavioral Momentum



Prompting



Functional Communication Training



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Possible Misperceptions

"Discrete Trial Training is ABA"

"Not generalizable"

"Clinical model only"

"Used to decrease behaviors only"

"Just who uses ABA?"



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Resources

The Virginia Commonwealth Autism Center for Excellence-
<https://vcuautismcenter.org/resources/factsheets/content.cfm/982>

Autism Speaks-
<https://www.autismspeaks.org/applied-behavior-analysis-aba-0>

The **National Clearinghouse on Autism Evidence and Practice (NCAEP)** is a continuation of the systematic review completed by the **National Professional Development Center on Autism Spectrum Disorders (NPDC)**. <https://ncaep.fpg.unc.edu/>



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Upcoming Topics

Date	Topic	Presenter
July 23, 2020	Early Childhood Series, Part 2: Preparing Your Child for the Early Childhood Classroom in the Time of COVID-19.	Alicia Hart & Stefanie Paul

Registration Link: <https://vcuautismcenter.org/te/lunchandlearn.cfm>



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For questions or more information

Please visit:

www.vcuautismcenter.org

Or

e-mail: autismcenter@vcu.edu

