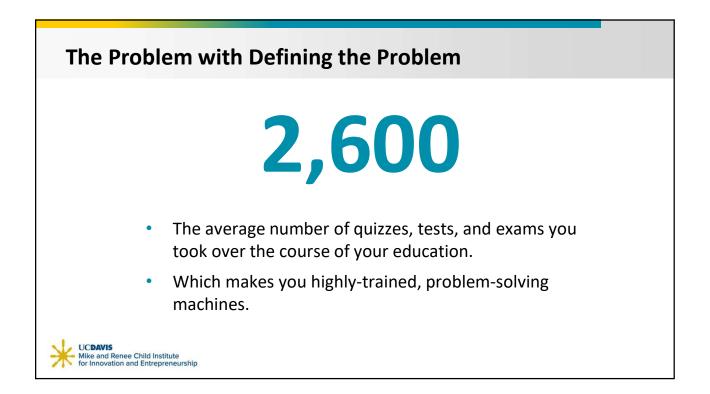
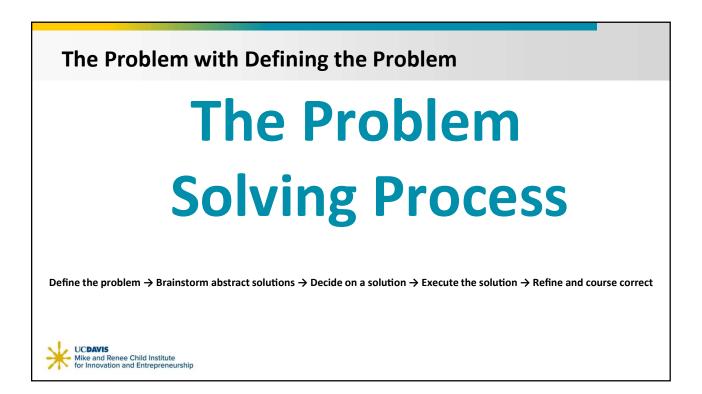


<section-header><section-header>

<section-header><section-header><list-item><list-item>





"A problem well-stated is half-solved."

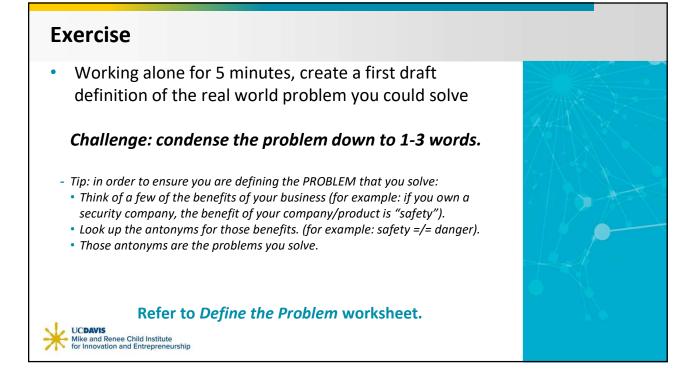
— Charles Kettering, Head of Research, GM

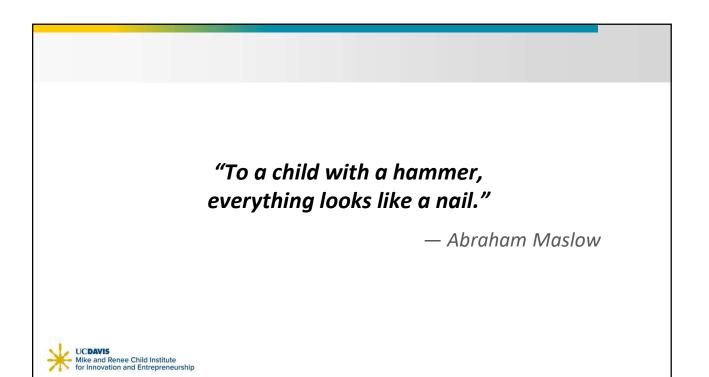


What's Your Problem?

- What problem are you solving?
- Who has it (and how badly)?
- How would you measure it?







Methods for Deep Need-finding

- Interviews and observations
- Process mapping
- "5 Whys" analysis



Whose Needs?

- Before we can discover the needs of our audience, we must be specific about who that audience is.
- Write a customer avatar. This should be ONE PERSON that embodies your ideal customer that would utilize your solution. Write down details like:
 - Their name
 - Their profession
 - Their interests/hobbies
 - Their reason for engaging in your solution/product



Deep Needs

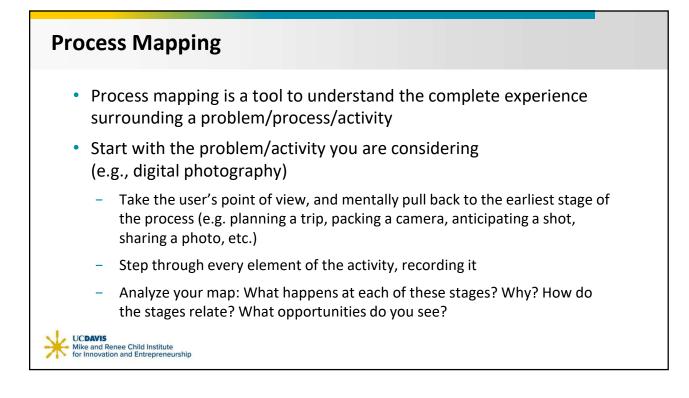
Needs that are...

- Not obvious without a deep understanding of the people engaged in the activities (to you or to the user)
- Relatively timeless and significant



UCDAVIS Mike and Renee Child Institute for Innovation and Entrepreneurship





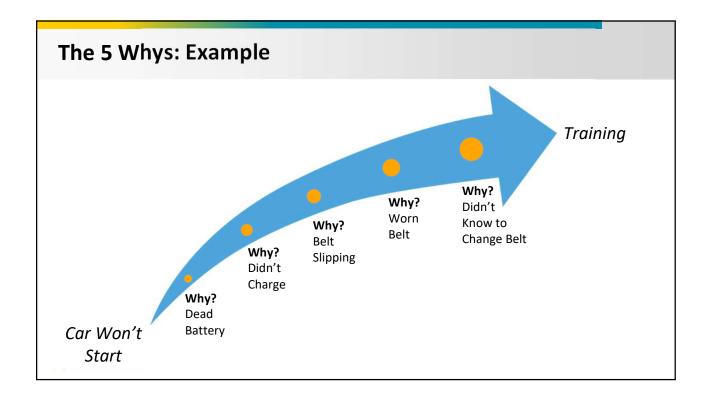
The 5 Whys

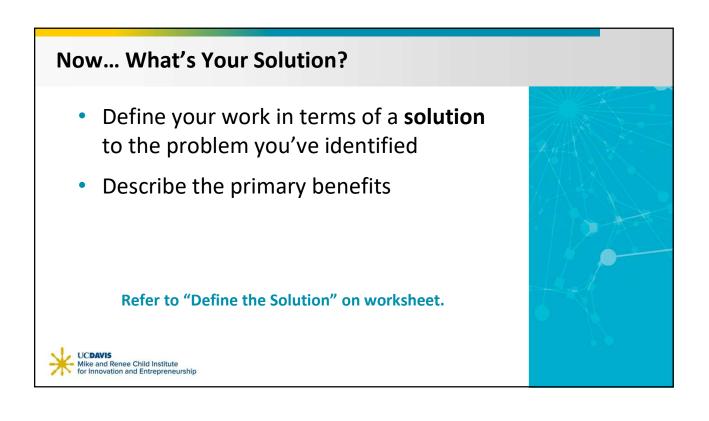
- A technique for quickly finding the root cause of a problem
- Developed in the Toyota Production System, the "5 Whys" involves looking at any problem and asking:
 - "Why?"

Mike and Renee Child Institute for Innovation and Entrepreneurship

UCDAVIS

- "What caused this problem?"
- Use it to explore the cause/effect relationships underlying a particular problem





What's the Value Proposition?

- For the user, what's the most important benefit of your proposed solution?
- How would the customer measure its value?
- \rightarrow In other words, what are the payoffs?

Refer to "Define the Value Proposition" on worksheet.



Applying What You've Learned

- Take the next 10 minutes to summarize/refine:
 - The problem;

LICDAVIS

Mike and Renee Child Institute for Innovation and Entrepreneurship

- The solution; and
- Your value proposition
- "My business/service/product solves problem (your problem) _____ by doing (brief explanation of what you offer) _____. My consumer base is (brief explanation of your consumer avatar) ______. We will solve this problem for our consumer by (specific description of your product or service) _____. Our consumer will know our product works when (value proposition/payoffs) ______.
- EXAMPLE: Pain-Free Fitness solves the problems of time and pain by offering 10-minute fitness and stretching routines that can be customized around areas of injury or weakness. My consumer base consists largely of corporate individuals, ages 30+ who deal with bodily pain and/or stiffness on a regular basis but don't have the time or resources to spend on a physical therapist or a trainer. I will solve this problem for my consumers by developing easy and quick routines via video and eBook that can be purchased online for easy access. My consumer knows my product is working when they experience less pain and see measurable improvements in their physical fitness.

UC**DAVIS** Mike and Renee Child Institute for Innovation and Entrepreneurship

Apply your work to the Venture Canvas.