

LiquidMetal

Redesign of the White Cane



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Perspectives in Assistive Technology
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The White Cane

- Who uses canes
- How/why canes are used
- Important properties
- Materials used
- Current designs and similar technology
- Shortcomings



Folding Graphite



Folding Aluminum



Fiberglass



Cane Tips



Similar Technology



Walking Canes



Hiking Poles/Walking Sticks



Additional Features

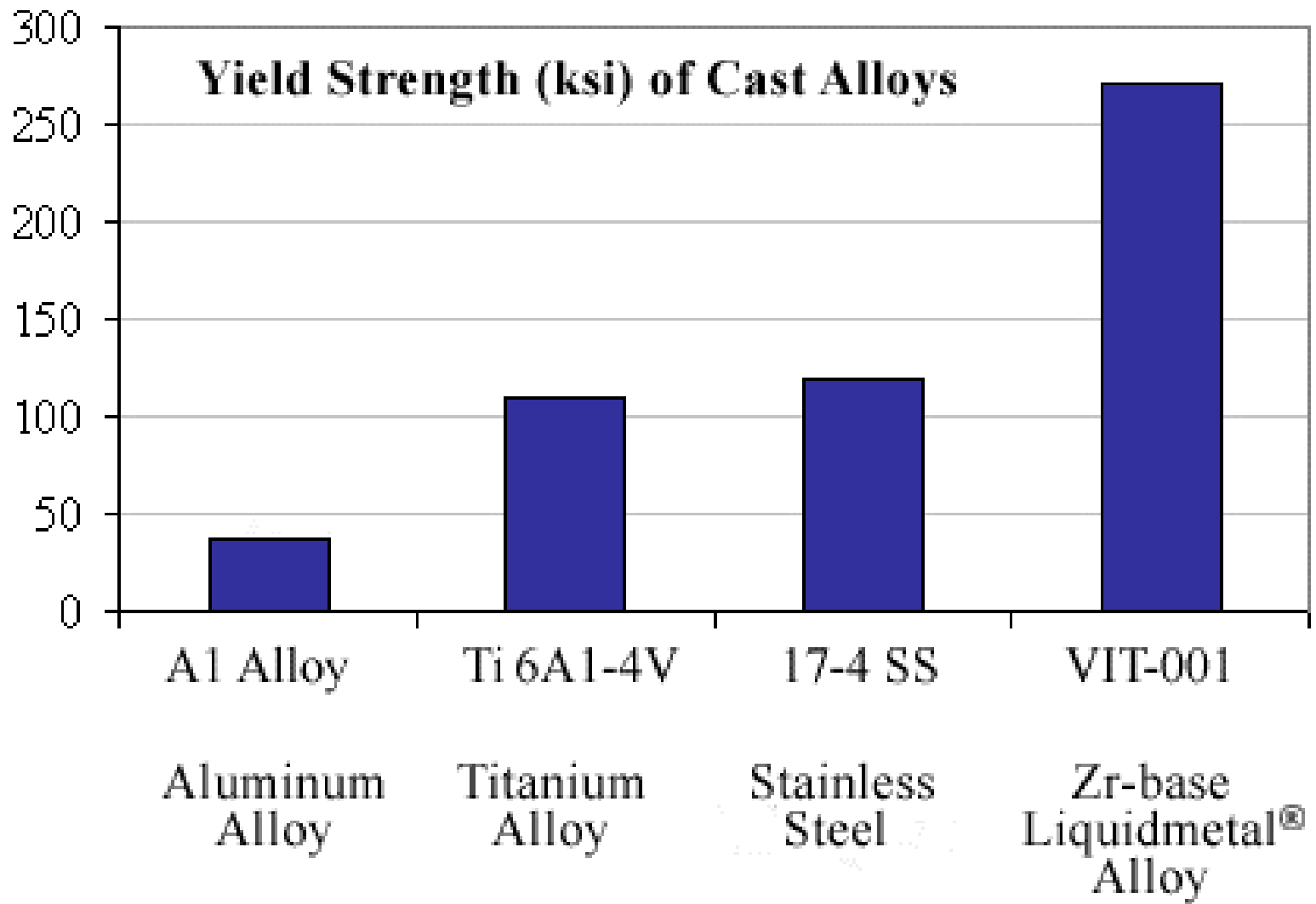


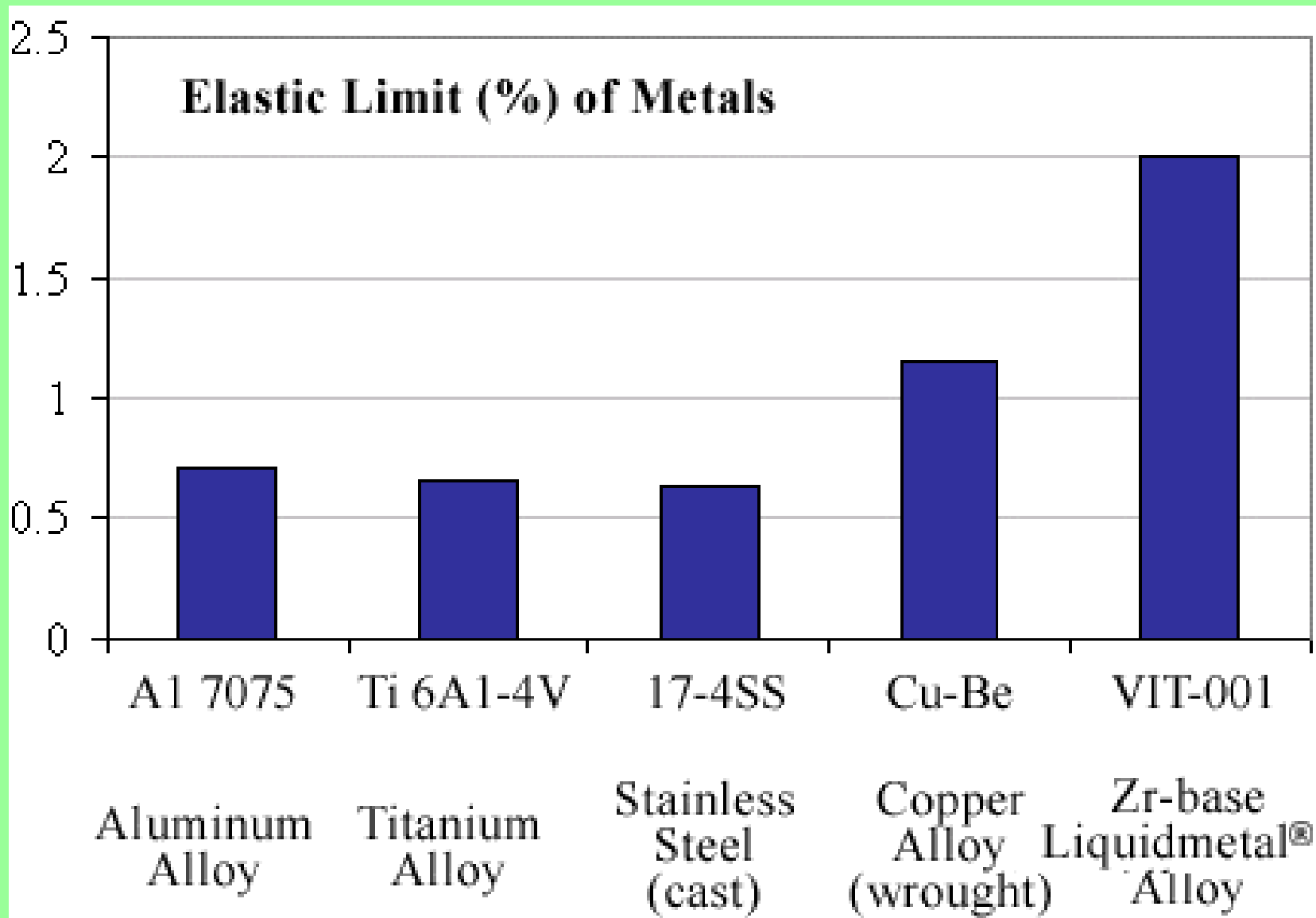
LiquidMetal

- Amorphous Metal Alloys
- Characteristics
- Commercial Applications
- Working with LiquidMetal
- Affordability

The Need

- A cane that:
 - is lighter
 - is more resistant to wear
 - doesn't deform permanently
 - is stronger
 - is less likely to fail catastrophically





Conclusion

- **LiquidMetal for the White Cane**
- **Viable option based on feedback from developers**

- **Thank You**
 - **Vista Center**
 - **Noel**
 - **Dave**