



Grant Proposal

Advanced Guidance and Lifelong Learning In Small Town Public Education

Addressing the Changing Realities In Century 21

Purpose:

- Assist Graduates' Next-Stage Education Choices***
- Prepare Graduates for the Realities of the 21st Century Job Market***



Grant Proposal
A Comprehensive Guidance System
For Implementation in the
Randolph Eastern School Corporation

Shareable with other Schools or Education Foundations





College Degree =
Career Success



Hometown
Lifestyle and Job



20th Century Guidance Counseling:

College?

(Major Parental Involvement)

Which College?

Specific or General Pursuit

Job Market Didn't Care!

Staying in Hometown?

***Connection to Available Jobs in a
Prospering Regional Economy***



Core Premise of this Grant Request



Small Schools: A Tsunami of Change

The Future Facing 21st Century Graduates is Profoundly Different from 20th Century Reality

UCEF Strategic Focus

- Rapidly Changing Curricula
Technology Driven***
- Teacher Shortage Crisis***

***- Our Grant Request Focus:
Student Guidance and
Financial Support***

(1) Skyrocketing College Costs Become an 800# Gorrilla



- ***Affordable Only with Major Debt***
- ***Scholarship Giving Lags New Reality***
 - ***Fewer Graduates Try***
- ***One of Three Make It, COST Issues Big***
 - ***Job Market Begins to Demand Career Relevant Skills***

Alternatives to 4-Year Degrees Emerge

2. Collapse of Hometown Non-College Career Path

***Hundreds of Indiana "Hometowns"
Reliant on Auto Industry or
Related "Feeder Plants"***



- ***Provided Vocational Education "On the Job"***
 - ***The Plant Closing Era... DEVESTATING***
 - ***Colleges Not Geared to Vocational Ed***
 - ***"Home Ec" and "Shop" Often Closed***
 - ***Today: Alternatives Developing but***
 - ***Student Scholarship Support Rare***

3. STEM Inspired Technology Emphasis Goes K-12



K-12 Role “Teach the Basics, Prep for College” Ended
Expensive Hands-on Technology Labs Replace Textbook Teaching
Vocational Education Returns to K-12, but Unclear Career Relevance

(4) Disruptive Technology Upheaves the Job Market

***Whole Job Categories, Market Segments, Major Companies Rise or Fall
Idea of "Spend Your Career with a Solid Company" - Collapses***



Newspapers – Travel Agents – Retail Stores

Shopping Centers – Printing Companies

Landline Phones - Etc. Etc.

21st Century Workers: Will Change Field of Endeavor (3-7)

(4) Disruptive Technology Upheaves the Job Market

***Whole Job Categories, Many
Idea of "Spend Your***



***of Fall
es***

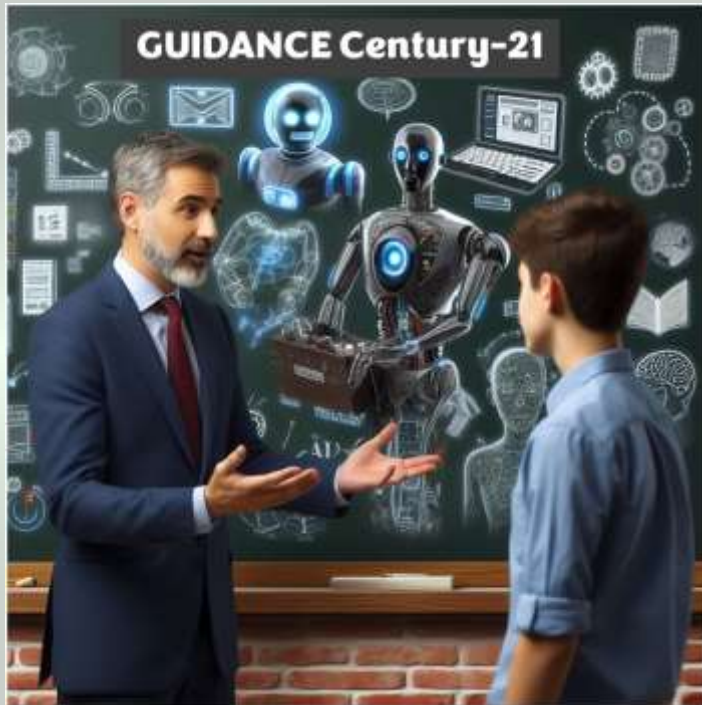
***Stores
panies***

21st Century Worker

or (3-7)



***The Guidance Counselor Role
Will Become One of the
Most Important in
Students' Lives***



***Explaining Excellent Opportunities
that are Evolving
Driven by Fast-Moving Technology***

BUT...

***Helping Avoid a Modern-Day
Tragedy that Exists Today***



***Students in their 3rd or 4th
Year of College,
Pursuing a Career Path
That May Not Exist in 3-5 Years or
Faces Long-Term Decline***

***Case Study: Analysts Say that Amazon's
Disruption of Traditional Retail Was
Predictable by 2005-2010***



***Graduates Realizing that their
College Degree Can't Pay for Itself
in Terms of Opportunity***



***Graduates Laid-off or Fired
From Role Directly Related
to College Degree***



***The Sadness and Disillusionment has
Multi-Generational Impact
Including the Issue of Student Debt***

***An Erosion of the American Dream that Inspired
20th Century Students, Little Brothers and Sisters,
Children and Grandchildren***

***For 21st Century Graduates – Complex Choices
Education Path and Lifelong Career Awareness***



Go to 4-Year College or Not

If YES, Awareness of Financial Risk/Burden

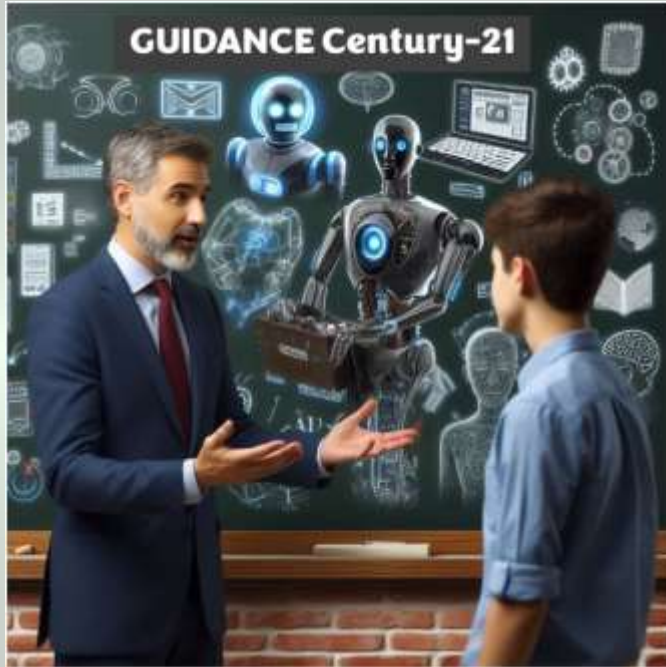
***If NO, Awareness of Varying Cost &
Effectiveness of Alternatives***

***Awareness of Career Alternatives, Some
Rising, Some Falling, Some Stable***

***Lifelong Awareness: Technology Driven
Upheavals of Job Market Will Continue***

Commitment: Lifelong Learning

21st Century Requires *ADVANCED GUIDANCE*



Structured Information Bank
Constantly Updated Databank
Intense Research, Widespread Collaboration

Career Opportunities:
Urgent, Stable, Emerging, Rising, Declining
Local/Regional Opportunities as Category

Education Alternatives
4-year Degree, Associate, Certificate, Apprenticeship,
Internship, Online Courses, Bootcamps.
With Cost, Support and Effectiveness Data.

Supporting Individual Success
Critical Thinking, Soft Skills
(Communication, Teamwork, etc.)
Entrepreneurship as an Option

Encourage LIFELONG LEARNING

Guidance Re: a Cyber-Security Career: A Case Study in Critical Thinking, Predictive Analysis



***1992: Worldwide Web
Launched and Active. Cyber-
Security Does Not Exist***



***1998: Danger of Malicious
Harm Exists, Primarily
"Hacking." Experts Emerge as a
Career Category, Self Taught***



***2005: Major Danger Clear.
Malware, Malicious Disruption,
Data Theft, Ransomware***



***Education: By 2000, added to
4-Year Internet Science
Degrees. Now taught in
vocation-focused schools
and "bootcamps"***

***Critical Thinking by 1998: Cyber-Security is part of a dynamically growing market segment.
Pay close attention. Will be significant. Might be major.***

Predictive Analysis by 2003: Without doubt Cyber-Security will become a critical career.

Crystal Ball Taskforce: Add it to the emerging "Winners" list, analyze education options.

Working Title: The Crystal Ball Task Force



Distinctive Feature of System

***Using Critical Thinking, Predictive Analysis
And Artificial Intelligence, We Focus on the Future...***

Careers: Playing Both Offense and Defense

Alternatives to Avoid: in Decline or Doomed

Alternatives that are Stable or Rising

Considering Combinations of Education

***Example: A Vocational Focused Degree with
Alternative Avenues to Critical Thinking and Soft Skills***

Stressing Career-Focused Lifelong Learning

***Technology will continue to disrupt
Continuing opportunity to play offense and defense***

***Idea: Foundation/Alumni Association Can Provide
Ongoing Lifelong Learning Support***

Grant Request Details



Long-Range Relationships

Advanced Guidance will be executed within the RESC Guidance Department, with ongoing UCEF support

Responsible Party, This Grant Request

UCEF will fund, via CFRC grant the Calendar 2024 creation of the Advanced Guidance Infrastructure

Close Collaboration, RESC-UCEF

The creation and infrastructure build will be a continuing close collaboration of RESC/UCEF

Strategic Role of Collaboration

In many respects, this is a collaborative concept. Great minds and grizzled veterans, nationwide, are developing relevant experience, savvy and data.

Grant and Budget

We are seeking \$10,000: \$6,000 for the individual coordinator of the infrastructure build, \$2000 for subscriptions and memberships, \$2000 for software or internet-related technical support.