

ENGINEERING PHARMACEUTICAL INNOVATION



Money Management

David Brande

Principal

Cleanroom Project Management, Inc.

- 
- **Graduate from NC State (1977)**
 - **Air Pollution for Government**
 - **Cleanrooms (Indoor Air Pollution)**
 - **20 Years as Business Owner**
 - **Sold to Danish Engineering Firm**
 - **Consultant**

**You can never tell
anyone anything**

**You can only remind
someone of what they
already know**



Have a Plan

BUT

Be Prepared



Be Prepared

BY

Being Balanced

Important Aspects of Life

Family

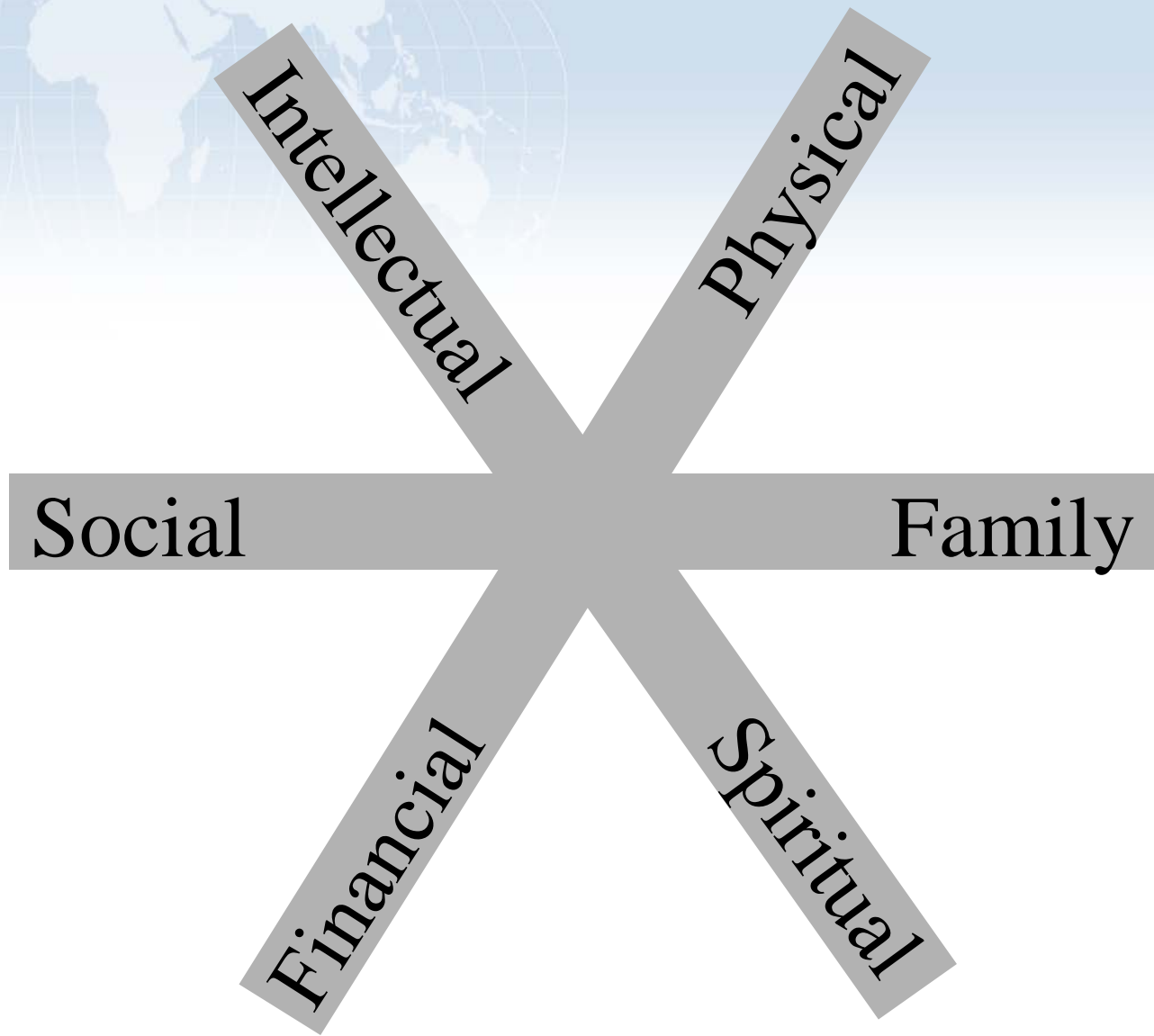
Physical

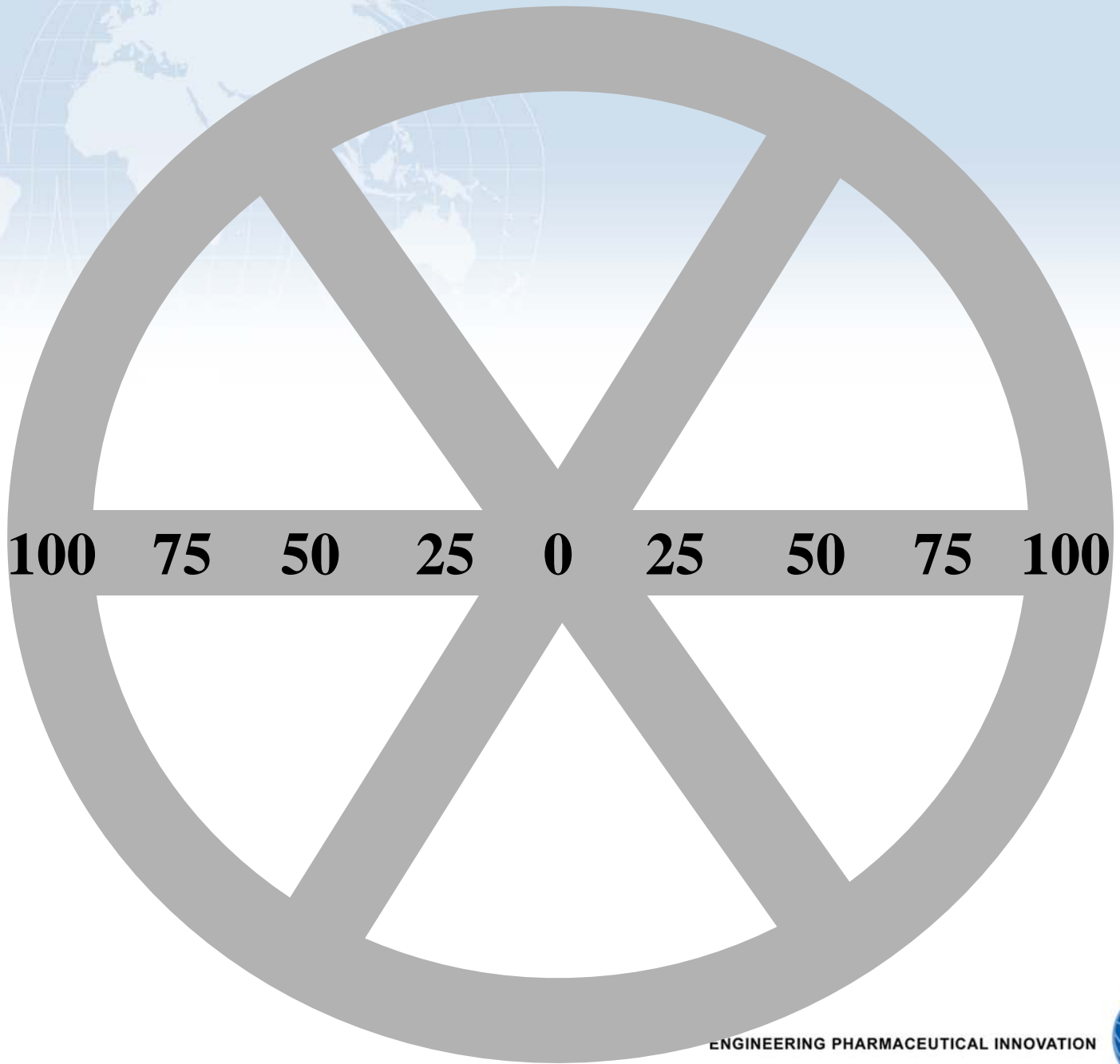
Financial

Intellectual

Spiritual

Social





ENGINEERING PHARMACEUTICAL INNOVATION









Corporate

Revenue

— Expenses

Profit

Personal


Income

— Bills

Savings

Generic Budget

Housing	30.0%
Food	12.5%
Transportation	12.5%
Utilities	7.5%
Medical	7.5%
Personal	7.5%
Recreation	7.5%
Debts	7.5%
Clothing	5.0%
Charity/Savings	2.5%



Generic Budget	\$50,000
Housing	\$15,000
Food	\$6,250
Transportation	\$6,250
Utilities	\$3,750
Medical	\$3,750
Personal	\$3,750
Recreation	\$3,750
Debts	\$3,750
Clothing	\$2,500
Charity/Savings	\$1,250



Transportation

\$6,250

\$6,250 over 12 months = **\$520** / month

But wait, what have we overlooked?

Taxes

US



25%

NC



7.5%

\$50,000 after TAX will be \$37,500

Housing \$15,000 \$10,125

Food \$6,250 \$4,219

Transportation \$6,250 \$4,219

Utilities \$3,750 \$2,531

Medical \$3,750 \$2,531

Personal \$3,750

\$2,531

Recreation \$3,750 \$2,531

Debts \$3,750 \$2,531

Clothing \$2,500 \$1,688

Charity/Savings \$1,250 \$844

Budget After Taxes

Transportation

\$4,219

\$4,219 over 12 months = \$352 / month

So what salary would you need?

Generic Budget	\$75,000
Housing	\$22,500
Food	\$9,375
Transportation	\$9,375
Utilities	\$5,650
Medical	\$5,650
Personal	\$5,650
Recreation	\$5,650
Debts	\$5,650
Clothing	\$3,750
Charity/Savings	\$1,875

\$75,000 after TAX will be \$50,625

Housing	\$15,188
Food	\$6,328
Transportation	\$6,328
Utilities	\$3,328
Medical	\$3,328
Personal	\$3,328
Recreation	\$3,328
Debts	\$3,328
Clothing	\$2,531
Charity/Savings	\$1,266

Credit Cards

Everyone has them

Everybody needs them

The World runs on credit

Without credit you will never
buy anything



**NOT
TRUE**

Credit Cards

\$2.5 Trillion

\$2.5 Million/Millions

Credit Cards

\$2,500,000,000,000

181,000,000

\$13,812 per person

Credit Cards

1.5 billion cards

181 million people

8+ cards per person

Credit Cards

U S Government

14 trillion in debt

181 million people

\$77,635 per person

Credit Cards

The real cost of a \$2000 Credit Card purchase

<u>Your Monthly Payment</u>	<u>Time for Payoff</u>	<u>Total Amount Paid</u>
\$20/month (minimum 1%)	never paid off !!!	\$10,800 (45 yrs later)
\$30/month	16 years	\$6,112
\$40/month	8 years	\$3,724
\$100/month	2 years	\$2,350

The Eighth Wonder

of the World

Compound Interest



\$100 saved per month for
40 years will cost you
\$48,000 total out of pocket

But, if invested at 8.0%
compounded monthly
will yield a different result



Click here to read:

[CALCULATOR EXPLANATIONS](#)

Monthly Deposit Savings Calculator

To calculate the future value of a monthly investment, enter the beginning balance, the monthly dollar amount you plan to deposit, the interest rate you expect to earn, and the number of years you expect to continue making monthly deposits, then click the "compute" button.

Note: When entering numbers into the data fields only use numbers and applicable decimal points. Entering commas, dollar signs, or any other non-numeric characters will cause an error. Also please note that this calculator has been tested to work with Internet Explorer 3.01 and Netscape Navigator 3.01 web browsers. However, both must have the JavaScript option turned on.

Enter the initial investment (optional):

Enter the monthly addition:

Enter the annual interest rate:

Enter the number of years:

Future value:

Interest earned:

But, if \$400 were invested at 8.0%
compounded monthly
will yield a very different result

Enter the initial investment (optional):

0

Enter the monthly addition:

400

Enter the annual interest rate:

.08

Enter the number of years:

40

Compute

Reset

Future value:

\$1,405,712.48

Interest earned:

\$1,213,712.48

But, if \$400 were invested at 10.0% compounded monthly will yield a very different result

Enter the initial investment (optional):

Enter the monthly addition:

Enter the annual interest rate:

Enter the number of years:

Compute

Reset

Future value:

Interest earned:



OK I get it!

But where am I going
to get the money

I 'm already on a
tight budget



Choices!

Life is full
of choices

and you will be
measured by yours

Transportation

2011 BMW 535i
MSRP_(NADA) \$51,900





MSFINANCIALSAVVY.COMTM



This is just your regular run-of-the-mill simple interest financial calculator, no hidden cost involved, no compounded interest.

Simple Loan Calculator

Principal	<input type="text" value="51900"/>
Interest Rate	<input type="text" value="5.5"/>
# of Years	<input type="text" value="4"/>
<input type="button" value="Compute"/> <input type="button" value="Reset"/>	
Monthly payment	<input type="text" value="\$1,207.01"/>
Total Interest	<input type="text" value="\$6,036.53"/>

[MsFy.com Financial Calculator Explanation](#) | [MsFy.com Financial Calculator Home](#)

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Transportation

2011 BMW 535i

MSRP_(NADA) \$51,900



Financed at 5.5%
\$1207/month

Transportation

Used 2007 BMW 535i

with 60k miles

MSRP_(NADA) \$29,000



Financed at 5.75%

\$678/month

Transportation

\$**1207**/month (new 535i)

- \$**678**/month (used 535i)

\$**529**/month

Transportation

2011 Ford Taurus SEL

MSRP_(NADA) \$29,200



Financed at 5.5%
\$679/month

ENGINEERING PHARMACEUTICAL INNOVATION



Transportation

\$**1207**/month (new 535i)

- \$**679**/month (new Taurus)

\$**528**/month

Transportation

2011 Ford Fiesta SEL

MSRP_(NADA) \$16,300



Financed at 5.5%

\$379/month

ENGINEERING PHARMACEUTICAL INNOVATION



Transportation

\$679/month (new Taurus)

- **\$379**/month (new Fiesta)

\$300/monthly savings



**You can never tell
anyone anything**

**You can only remind
someone of what they
already know**



**I hope that today,
I have successfully
reminded you of things
you already knew**



Thank you

